

Table H. - Engineering Index Properties

Washoe County, Nevada, South Part

Absence of an entry indicates that the data were not estimated.

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
101: Aquinas	In											
	0-7	Sandy Loam	SC-SM	A-2	0	0-5	90-100	85-95	50-65	25-40	15-25	NP-10
	7-37	Sandy Clay Loam	SM	A-4								
	37-46	Clay Loam	CL	A-6	0	0-5	90-100	85-95	70-95	40-75	25-40	10-25
102: Aquinas	46-60	Cemented	SC									
		Variable	---	---	---	---	---	---	---	---	---	---
			GP	A-1	---	---	---	---	---	---	---	---
106: Aquinas, eroded	0-7	Sandy Loam	SC-SM	A-2	0	0-5	90-100	85-95	50-65	25-40	15-25	NP-10
			SM	A-4								
	7-37	Sandy Clay Loam	CL	A-6	0	0-5	90-100	85-95	70-95	40-75	25-40	10-25
	37-46	Clay Loam	SC									
110: Jowec Variant	46-60	Cemented	---	---	---	---	---	---	---	---	---	---
		Variable	GP	A-1	---	---	---	---	---	---	---	---
	0-10	Sandy Loam	SC-SM	A-2	0	0-5	90-100	85-95	50-65	25-40	15-25	NP-10
			SM	A-4								
	1-29	Sandy Clay Loam	CL	A-6	0	0-5	90-100	85-95	70-95	40-75	25-40	10-25
	29-36	Clay Loam	SC									
	36-60	Cemented	---	---	---	---	---	---	---	---	---	---
		Variable	GP	A-1	---	---	---	---	---	---	---	---
	0-10	Sandy Loam	SM	A-2	0	0-5	90-100	90-100	50-60	15-35	---	NP
			CH	A-6	0	0	90-100	90-100	80-100	40-75	35-55	20-30
	10-20	Clay	CL	A-7								
		Sandy Clay	SC									
	20-66	Stratified Sandy Loam To	SC	A-2	0	0	90-100	90-100	55-80	30-50	20-35	10-20
		Clay Loam	SC	A-6								

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
111: Jowec Variant	In											
	0-12	Sandy Loam	SM	A-2	0	0-5	90-100	90-100	50-60	15-35	---	NP
	12-22	Sandy Clay Clay	CH CL SC	A-6 A-7	0	0	90-100	90-100	80-100	40-75	35-55	20-30
	22-60	Stratified Sandy Loam To Clay Loam	SC	A-2 A-6	0	0	90-100	90-100	55-80	30-50	20-35	10-20
Greenbrae	0-10	Sandy Loam	SM	A-2	0	0	95-100	90-100	65-75	20-35	20-25	NP-5
	10-28	Sandy Clay Sandy Clay Loam Clay Loam	CL SC	A-6 A-7	0	0	95-100	90-100	70-85	40-65	35-45	15-25
	28-63	Stratified Coarse Sand To Gravelly Loam	SM	A-2	0	0	90-100	75-100	45-60	25-35	---	NP
120: Doten	0-21	Silty Clay	CH MH	A-7	0	0	100	100	95-100	85-100	50-60	20-30
	21-62	Clay Silty Clay	CH MH	A-7	0	0	100	100	95-100	85-100	50-60	20-30
Playas	0-6	Silty Clay Loam	CH CL MH	A-7	0	0	100	100	100	90-100	40-55	15-25
	6-60	Silty Clay Clay Silty Clay Loam	CH CL MH	A-7	0	0	100	100	100	90-100	45-75	20-35
121: Doten	0-21	Silty Clay	CH MH	A-7	0	0	100	100	95-100	85-100	50-60	20-30
	21-62	Silty Clay Clay	CH MH	A-7	0	0	100	100	95-100	85-100	50-60	20-30

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
130: Greenbrae, clayey	In											
	0-5	Sandy Loam	SM	A-2 A-4	0	0	95-100	90-100	60-70	30-40	15-25	NP-5
	5-22	Sandy Clay Loam	CL SC	A-6	0	0	95-100	95-100	80-90	35-55	30-40	10-20
	22-51	Sandy Loam	SM	A-2	0	0	95-100	85-100	55-75	25-35	---	NP
	51-68	Silty Clay Loam	CH CL	A-7	0	0	100	100	90-100	80-95	40-55	25-35
131: Greenbrae												
	0-10	Sandy Loam	SM	A-2	0	0	95-100	90-100	65-75	20-35	20-25	NP-5
	10-28	Sandy Clay Clay Loam	CL SC	A-6 A-7	0	0	95-100	90-100	70-85	40-65	35-45	15-25
	28-63	Sandy Clay Loam Stratified Coarse Sand To Gravelly Loam	SM	A-2	0	0	90-100	75-100	45-60	25-35	---	NP
132: Greenbrae												
	0-8	Sandy Loam	SM	A-2	0	0	95-100	90-100	65-75	20-35	20-25	NP-5
	8-28	Clay Loam Sandy Clay Loam	CL SC	A-6 A-7	0	0	95-100	90-100	70-85	40-65	35-45	15-25
	28-63	Sandy Clay Stratified Coarse Sand To Gravelly Loam	SM	A-2	0	0	90-100	75-100	45-60	25-35	---	NP
134: Greenbrae, clayey												
	0-6	Sandy Loam	SM	A-2 A-4	0	0	95-100	90-100	60-70	30-40	15-25	NP-5
	6-24	Sandy Clay Loam	CL SC	A-6	0	0	95-100	95-100	80-90	35-55	30-40	10-20
	24-52	Sandy Loam	SM	A-2	0	0	95-100	85-100	55-75	25-35	---	NP
	52-68	Silty Clay Loam	CH CL	A-7	0	0	100	100	90-100	80-95	40-55	25-35

Distribution Generation Date:

Page 3 of 141

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
136: Greenbrae	In											
	0-12	Sandy Loam	SM	A-2	0	0	95-100	90-100	65-75	20-35	20-25	NP-5
	12-32	Sandy Clay Loam	CL	A-6	0	0	95-100	90-100	70-85	40-65	35-45	15-25
		Sandy Clay Clay Loam	SC	A-7								
	32-63	Stratified Coarse Sand To Gravelly Loam	SM	A-2	0	0	90-100	75-100	45-60	25-35	---	NP
140: Haybourne	0-10	Loamy Sand	SM SP-SM SW-SM	A-1	0	0	90-100	75-95	40-50	5-15	---	NP
	10-26	Sandy Loam Gravelly Sandy Loam Fine Sandy Loam	SM	A-2	0	0	75-100	70-100	50-60	25-35	20-25	NP-5
	26-63	Stratified Gravelly Coarse Sand To Fine Sandy Loam	SM	A-1 A-2	0	0	90-100	75-100	45-55	15-30	---	NP
141: Haybourne	0-10	Loamy Sand	SM SP-SM SW-SM	A-1	0	0	90-100	75-95	40-50	5-15	---	NP
	10-26	Gravelly Sandy Loam Fine Sandy Loam Sandy Loam	SM	A-2	0	0	75-100	70-100	50-60	25-35	20-25	NP-5
	26-60	Stratified Gravelly Coarse Sand To Fine Sandy Loam	SM	A-1 A-2	0	0	90-100	75-100	45-55	15-30	---	NP
142:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
142: Haybourne	In											
	0-12	Loamy Sand	SM SP-SM SW-SM	A-1	0	0	90-100	75-95	40-50	5-15	---	NP
	12-28	Fine Sandy Loam Sandy Loam	SM	A-2	0	0	75-100	70-100	50-60	25-35	20-25	NP-5
	28-60	Gravelly Sandy Loam Stratified Gravelly Coarse Sand To Fine Sandy Loam	SM	A-1 A-2	0	0	90-100	75-100	45-55	15-30	---	NP
150: Doten Variant, slightly	0-5	Silty Clay	CH CL	A-7	0	0	100	100	95-100	90-95	40-60	20-30
	5-72	Silty Clay Clay	CH CL	A-7	0	0	100	100	90-100	75-100	40-60	20-30
151: Doten Variant, strongly	0-5	Silty Clay	CH CL	A-7	0	0	100	100	95-100	90-95	40-60	20-30
	5-72	Silty Clay Clay	CH CL	A-7	0	0	100	100	90-100	75-100	40-60	20-30
160: Incy	0-9	Sand	SM SP-SM SW-SM	A-1 A-2 A-3	0	0	100	85-100	45-60	5-15	---	NP
	9-60	Fine Sand Sand	SM SP-SM SW-SM	A-2 A-3	0	0	100	80-100	50-80	5-15	---	NP
161:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
161: Incy, hilly	0-12	Fine Sand	SM SP-SM SW-SM	A-2 A-3	0	0	100	80-100	65-90	5-15	---	NP
	12-60	Fine Sand Sand	SM SP-SM SW-SM	A-2 A-3	0	0	100	80-100	50-80	5-15	---	NP
Playas	0-6	Silty Clay Loam	CH CL MH	A-7	0	0	100	100	100	90-100	40-55	15-25
	6-60	Clay Silty Clay Silty Clay Loam	CH CL MH	A-7	0	0	100	100	100	90-100	45-75	20-35
171: Indian Creek	0-7	Gravelly Sandy Loam	SC SC-SM	A-1 A-2	0	0-5	60-80	50-70	35-55	15-35	20-25	5-10
	7-18	Gravelly Clay Clay Sandy Clay	CH	A-7	0	0-5	80-100	60-90	55-80	50-80	55-70	30-45
	18-25	Indurated	---	---	---	---	---	---	---	---	---	---
	25-60	Stratified Extremely Gravelly Loamy Coarse Sand To Gravelly Sandy Clay Loam	GC-GM GM GP-GC GW-GM	A-1 A-2	0	5-30	35-55	30-55	15-25	5-15	20-30	NP-10

172:

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
172: Indian Creek	In											
	0-8	Sandy Loam	SC SC-SM	A-2 A-4	0	0-5	90-100	80-90	55-65	25-40	20-25	5-10
	8-18	Gravelly Clay Clay	CH	A-7	0	0-5	80-100	60-90	55-80	50-80	55-70	30-45
	18-25	Sandy Clay Indurated	---	---	---	---	---	---	---	---	---	---
	25-60	Stratified Extremely Gravelly Loamy Coarse Sand To Gravelly Sandy Clay Loam	GC-GM GM GP-GC GW-GM	A-1 A-2	0	5-30	35-55	30-55	15-25	5-15	20-30	NP-10
173: Indian Creek												
	0-8	Sandy Loam	SC SC-SM	A-2 A-4	0	0-5	90-100	80-90	55-65	25-40	20-25	5-10
	8-18	Clay Sandy Clay Gravelly Clay	CH	A-7	0	0-5	80-100	60-90	55-80	50-80	55-70	30-45
	18-25	Indurated	---	---	---	---	---	---	---	---	---	---
	25-60	Stratified Extremely Gravelly Loamy Coarse Sand To Gravelly Sandy Clay Loam	GC-GM GM GP-GC GW-GM	A-1 A-2	0	5-30	35-55	30-55	15-25	5-15	20-30	NP-10
174: Indian Creek												
	0-7	Extremely Stony Sandy	SM	A-2 A-4	25-50	30-40	70-90	65-85	45-55	30-40	---	NP
	7-19	Clay Gravelly Clay	CH	A-7	0	0-25	80-100	70-100	65-90	55-80	55-70	30-45
	19-23	Indurated	---	---	---	---	---	---	---	---	---	---
	23-60	Cemented	---	---	---	---	---	---	---	---	---	---
175:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
175: Indian Creek	0-7	Very Cobbly Loam	SC SC-SM	A-2 A-4 A-6	0-5	30-55	70-90	60-85	55-75	30-50	25-35	5-15
	7-19	Gravelly Clay Clay Sandy Clay	CH CL	A-7	0	0-5	80-100	60-90	55-80	50-80	45-60	25-40
	19-23 23-60	Indurated Stratified Extremely Gravelly Loamy Coarse Sand To Gravelly Sandy Clay Loam	--- GC-GM GM GP-GC GW-GM	--- A-1 A-2	--- 0-5	--- 5-30	--- 35-55	--- 30-55	--- 15-25	--- 5-15	--- 15-30	--- NP-10
176: Indian Creek	0-7	Stony Loam	CL	A-6	1-5	5-10	80-95	80-90	70-85	55-75	30-40	10-15
	7-19	Gravelly Clay Clay Sandy Clay	CH	A-7	0	0-5	80-100	60-90	55-80	50-80	55-70	30-45
	19-23 23-60	Indurated Stratified Extremely Gravelly Loamy Coarse Sand To Gravelly Sandy Clay Loam	--- GC-GM GM GP-GC GW-GM	--- A-1 A-2	--- 0	--- 5-30	--- 35-55	--- 30-55	--- 15-25	--- 5-15	--- 20-30	--- NP-10
Reno	0-2	Very Stony Sandy Loam	SM	A-1 A-2 A-4	5-25	35-45	75-80	60-75	35-55	20-40	---	NP
	2-24	Clay Gravelly Clay Sandy Clay	CH CL SC	A-7	0	0-20	80-100	75-95	65-95	35-85	40-60	25-35
	24-47 47-51	Cemented Weathered Bedrock	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
176: Washoe	In											
	0-8	Extremely Stony Fine Sandy Loam	SM	A-1 A-2	25-50	5-20	75-85	50-60	40-55	15-30	---	NP
	8-38	Very Gravelly Sandy Clay Loam	GC	A-2 A-6	0-5	5-20	55-70	45-55	40-50	20-40	25-35	10-15
	38-60	Very Gravelly Sandy Loam Stratified Gravelly Very Cobbly Loamy Coarse	GM GW-GM SM SW-SM	A-1	0-10	10-40	50-80	50-75	20-40	5-20	---	NP
190: Manogue	0-2	Cobbly Clay	CH MH	A-7	0	25-30	70-85	70-80	60-75	50-70	55-65	25-35
	2-63	Clay Silty Clay	CH MH	A-7	0	0-5	95-100	90-100	80-100	65-90	55-65	25-35
	63-72	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
191: Manogue	0-3	Cobbly Clay	CH MH	A-7	0	25-30	70-85	70-80	60-75	50-70	55-65	25-35
	3-41	Silty Clay Clay	CH MH	A-7	0	0-5	95-100	90-100	80-100	65-90	55-65	25-35
	41-63	Silty Clay Clay	CH MH	A-7	0	0-5	95-100	90-100	80-100	65-90	55-65	25-35
	63-67	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
192: Manogue	0-4	Cobbly Clay	CH MH	A-7	0	25-30	70-85	70-80	60-75	50-70	55-65	25-35
	4-63	Clay Silty Clay	CH MH	A-7	0	0-5	95-100	90-100	80-100	65-90	55-65	25-35
	63-72	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
200:												
Northmore	0-15	Sandy Loam	SM	A-2	0	0-5	90-100	85-100	55-70	25-35	---	NP
	15-45	Sandy Clay	CL	A-7	0	0	95-100	90-100	70-95	35-60	40-50	25-30
			SC									
	45-60	Sandy Loam	SC	A-2	0	0	95-100	90-100	55-70	25-45	20-30	5-10
		Sandy Clay Loam	SC-SM	A-4								
Other Soils	---				---	---	---	---	---	---	---	---
201:												
Northmore	0-10	Sandy Loam	SM	A-2	0	0-5	90-100	85-100	55-70	25-35	---	NP
	10-45	Sandy Clay	CL	A-7	0	0	95-100	90-100	70-95	35-60	40-50	25-30
			SC									
	45-60	Sandy Loam	SC	A-2	0	0	95-100	90-100	55-70	25-45	20-30	5-10
		Sandy Clay Loam	SC-SM	A-4								
Other Soils	---				---	---	---	---	---	---	---	---
202:												
Northmore	0-9	Sandy Loam	SM	A-2	0	0-5	90-100	85-100	55-70	25-35	---	NP
	9-45	Sandy Clay	CL	A-7	0	0	95-100	90-100	70-95	35-60	40-50	25-30
			SC									
	45-60	Sandy Clay Loam	SC	A-2	0	0	95-100	90-100	55-70	25-45	20-30	5-10
		Sandy Loam	SC-SM	A-4								
Other Soils	---				---	---	---	---	---	---	---	---
203:												
Northmore	0-9	Sandy Loam	SM	A-2	0	0-5	90-100	85-100	55-70	25-35	---	NP
	9-45	Sandy Clay	CL	A-7	0	0	95-100	90-100	70-95	35-60	40-50	25-30
			SC									
	45-60	Sandy Clay Loam	SC	A-2	0	0	95-100	90-100	55-70	25-45	20-30	5-10
		Sandy Loam	SC-SM	A-4								

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
203:	In											
210: Luppino	0-8	Gravelly Sandy Loam	SM	A-1	0	0-5	75-90	55-65	35-45	15-25	---	NP
	8-14	Sandy Loam	SC	A-2	0	0	80-90	65-85	55-75	30-40	30-40	15-25
		Gravelly Sandy Clay Loam		A-6								
		Sandy Clay Loam										
	14-23	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	23-27	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
211: Luppino	0-8	Gravelly Sandy Loam	SM	A-1	0	0-5	75-90	55-65	35-45	15-25	---	NP
	8-14	Sandy Clay Loam	SC	A-2	0	0	80-90	65-85	55-75	30-40	30-40	15-25
		Sandy Loam		A-6								
		Gravelly Sandy Clay Loam										
	14-23	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	23-27	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
221: Oppio	0-4	Cobbly Sandy Loam	SC-SM	A-1	0	20-30	70-75	60-70	40-50	20-30	15-25	NP-10
			SM	A-2								
	4-21	Sandy Clay	CH	A-7	0	0-10	55-95	50-90	45-85	35-80	50-60	30-40
		Clay	GC									
		Gravelly Clay										
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
222: Oppio	0-5	Cobbly Sandy Loam	SC-SM	A-1	0	20-30	70-75	60-70	40-50	20-30	15-25	NP-10
			SM	A-2								
	5-21	Clay	CH	A-7	0	0-10	55-95	50-90	45-85	35-80	50-60	30-40
		Sandy Clay	GC									
		Gravelly Clay										
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Distribution Generation Date:

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
222:	In											
223: Oppio	0-4	Cobbly Sandy Loam	SC-SM SM	A-1 A-2	0	20-30	70-75	60-70	40-50	20-30	15-25	NP-10
	4-21	Clay Sandy Clay Gravelly Clay	CH GC	A-7	0	0-10	55-95	50-90	45-85	35-80	50-60	30-40
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rezave	0-4	Extremely Stony Very Fine Sandy Loam	SM	A-4	25-45	0-10	90-100	85-95	60-80	35-50	20-25	NP-5
	4-13	Clay Clay Loam Stony Clay	CH CL	A-7	0-15	0-20	90-100	90-100	80-100	65-95	40-60	15-35
	13-19	Gravelly Clay Loam Very Gravelly Clay	CL SC	A-7	0	0-10	80-90	50-70	45-65	35-60	40-50	15-25
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
230: Cradlebaugh	0-10	Loam	CL	A-6	0	0	100	100	90-100	60-75	30-40	10-20
	10-35	Stratified Fine Sandy Loam To Silty Clay Loam	CL	A-6	0	0	100	100	85-95	60-75	30-40	10-20
	35-60	Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	100	100	70-85	40-55	20-30	NP-10
240:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
240: Updike	0-2	Loam	ML	A-4	0	0	80-100	80-90	60-85	50-70	---	NP
	2-20	Clay	CH	A-7	0	0	95-100	95-100	90-100	60-95	50-60	30-40
	20-63	Sandy Clay										
		Stratified Sandy Clay Loam	CH	A-6	0	0	95-100	95-100	80-100	50-65	35-55	20-35
		To Clay	CL	A-7								
Cradlebaugh	---				---	---	---	---	---	---	---	---
241: Updike, gravelly substratum	0-2	Loam	ML	A-4	0	0	80-100	80-90	60-85	50-70	---	NP
	2-20	Clay	CH	A-7	0	0	95-100	95-100	90-100	60-95	50-60	30-40
		Sandy Clay										
	20-47	Sandy Clay Loam	CH	A-7	0	0	95-100	95-100	80-95	50-65	40-55	20-30
		Sandy Clay	CL									
		Clay										
	47-63	Stratified Extremely Gravelly Sand To Gravelly Sandy Loam	GM GP-GM GW-GM SM SW-SM	A-1	0	5-10	30-60	25-55	10-25	5-15	---	NP
Cradlebaugh	---				---	---	---	---	---	---	---	---
250: Cassiro	0-15	Gravelly Sandy Loam	SM	A-1 A-2	0	0-5	65-80	55-70	30-50	15-30	---	NP
	15-45	Very Gravelly Sandy Clay	GC	A-2	0	5-15	50-75	40-50	25-45	15-35	25-50	10-25
		Very Gravelly Clay	SC									
	45-60	Weathered Bedrock	GP	A-1	---	---	---	---	---	---	---	---
Other Soils	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
251: Cassiro	In											
	0-12	Gravelly Sandy Loam	SM	A-1 A-2	0	0-5	65-80	55-70	30-50	15-30	---	NP
	12-40	Very Gravelly Sandy Clay Very Gravelly Clay	GC SC	A-2	0	5-15	50-75	40-50	25-45	15-35	25-50	10-25
	40-60	Weathered Bedrock	GP	A-1	---	---	---	---	---	---	---	---
Other Soils	---				---	---	---	---	---	---	---	---
252: Cassiro												
	0-13	Gravelly Sandy Loam	SM	A-1 A-2	0	0-5	65-80	55-70	30-50	15-30	---	NP
	13-40	Very Gravelly Sandy Clay Very Gravelly Clay	GC SC	A-2	0	5-15	50-75	40-50	25-45	15-35	25-50	10-25
	40-60	Weathered Bedrock	GP	A-1	---	---	---	---	---	---	---	---
Other Soils	---				---	---	---	---	---	---	---	---
260: Acrelane												
	0-6	Very Stony Sandy Loam	SM	A-1 A-2	10-20	5-30	90-100	60-75	35-50	15-30	---	NP
	6-10	Very Gravelly Sandy Clay Loam Very Gravelly Coarse Sandy Loam	SC SC-SM	A-2	0	0-5	80-100	30-50	30-45	15-30	20-30	5-15
	10-14	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
262:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
262: Acrelane	0-4	Very Stony Sandy Loam	SM	A-1	10-20	5-30	90-100	60-75	35-50	15-30	---	NP
	4-14	Very Gravelly Sandy Clay Loam Very Gravelly Coarse Sandy Loam	SC SC-SM	A-2 A-2	0	0-5	80-100	30-50	30-45	15-30	20-30	5-15
	14-18	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
280: Wedekind	0-2	Gravelly Loam	SM	A-2 A-4	0	0-5	75-85	50-65	40-60	30-50	15-25	NP-5
	2-14	Clay Loam Gravelly Sandy Clay Loam Sandy Clay Loam	SC	A-2 A-6	0	0-5	80-90	55-90	45-70	20-50	30-40	10-20
	14-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
281: Wedekind	0-2	Gravelly Loam	SM	A-2 A-4	0	0-5	75-85	50-65	40-60	30-50	15-25	NP-5
	2-14	Gravelly Sandy Clay Loam Clay Loam Sandy Clay Loam	SC	A-2 A-6	0	0-5	80-90	55-90	45-70	20-50	30-40	10-20
	14-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
282: Wedekind	0-4	Gravelly Sandy Loam	SM	A-1	0	0-5	75-85	50-65	30-45	15-25	15-25	NP-5
	4-14	Sandy Clay Loam Clay Loam Gravelly Sandy Clay Loam	SC	A-2 A-6	0	0-5	80-90	55-90	45-70	20-50	30-40	10-20
	14-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
290:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
290: Verdico Variant	In											
	0-5	Stony Sandy Loam	SM	A-1	1-5	5-10	75-95	55-65	35-45	15-25	---	NP
	5-28	Gravelly Clay Sandy Clay Clay	CH	A-7	0	0-5	85-95	65-85	60-70	50-65	50-60	30-40
	28-32	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
291: Verdico Variant	0-6	Very Stony Sandy Loam	SM	A-2	5-25	5-15	85-100	75-85	50-60	20-30	---	NP
	6-28	Gravelly Clay Clay Sandy Clay	CH	A-7	0	0-5	85-95	65-85	60-70	50-65	50-60	30-40
	28-32	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
300: Surgem	0-4	Stony Sandy Loam	GM	A-1	1-5	5-10	45-60	40-55	25-40	15-25	15-25	NP-5
	4-24	Very Cobbly Clay Extremely Cobbly Clay Very Gravelly Clay	GC	A-2	0-5	25-55	35-60	20-45	15-40	10-35	40-55	20-30
	24-30	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
301: Surgem	0-5	Stony Sandy Loam	GM	A-1	1-5	5-10	45-60	40-55	25-40	15-25	15-25	NP-5
	5-24	Extremely Cobbly Clay Very Gravelly Clay Very Cobbly Clay	GC	A-2	0-5	25-55	35-60	20-45	15-40	10-35	40-55	20-30
	24-30	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
302:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
302: Surgem	In											
	0-6	Stony Sandy Loam	GM	A-1	1-5	5-10	45-60	40-55	25-40	15-25	15-25	NP-5
	6-24	Very Gravelly Clay Very Cobbly Clay Extremely Cobbly Clay	GC	A-2	0-5	25-55	35-60	20-45	15-40	10-35	40-55	20-30
	24-30	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
310: Risley	0-4	Very Stony Loam	CL SC	A-6	5-20	0-5	75-95	70-85	60-80	40-65	25-35	10-15
	4-24	Clay Sandy Clay Clay Loam	CL	A-7	0	0-5	85-100	85-100	75-100	60-95	40-50	20-25
	24-40	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
311: Risley	0-3	Very Stony Loam	CL SC	A-6	5-20	0-5	75-95	70-85	60-80	40-65	25-35	10-15
	3-23	Sandy Clay Clay Loam Clay	CL	A-7	0	0-5	85-100	85-100	75-100	60-95	40-50	20-25
	23-40	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
312:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
312: Risley	In											
	0-3	Cobbly Loam	CL	A-4	0-1	25-40	80-100	75-90	65-80	50-65	25-35	5-15
	3-23	Clay	CL-ML	A-6								
		Clay Loam	CH	A-7	0	0-5	85-100	85-100	75-100	60-95	40-55	20-30
	23-40	Weathered Bedrock	CL									
			---	---	---	---	---	---	---	---	---	---
313: Risley	0-4	Cobbly Clay Loam	CL	A-6	0-1	25-40	80-100	75-90	65-85	60-70	35-40	15-20
	4-40	Clay	CH	A-7	0	0-5	85-100	85-100	75-100	60-95	40-55	20-30
		Clay Loam	CL									
	40-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
314: Risley	0-4	Cobbly Loam	CL	A-4	0-1	25-40	80-100	75-90	65-80	50-65	25-35	5-15
	4-24	Sandy Clay	CL-ML	A-6								
		Clay	CL	A-7	0	0-5	85-100	85-100	75-100	60-95	40-50	20-25
		Clay Loam										
	24-40	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Xman	0-3	Very Stony Loam	SM	A-2	5-25	15-25	70-85	65-75	45-60	25-50	---	NP
	3-14	Clay	CH	A-4								
		Gravelly Clay	A-7		0	0-10	80-100	70-100	70-95	70-85	50-60	30-40
	14-29	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
341:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
341: Yuko	In											
	0-3	Stony Loam	CL	A-6	1-5	5-10	80-95	80-90	70-85	55-75	30-40	10-15
	3-9	Silty Clay Loam Silt Loam Clay Loam	CL	A-6 A-7	0-5	0-5	90-100	80-100	75-95	70-85	35-45	15-25
	9-40	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
342: Yuko	0-3	Very Stony Loam	CL CL-ML	A-4 A-6	5-10	0-10	80-95	80-90	70-85	55-75	25-40	5-15
	3-9	Silt Loam Clay Loam Silty Clay Loam	CL	A-6 A-7	0-5	0-5	90-100	80-100	75-95	70-85	35-45	15-25
	9-40	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Reywat	0-6	Extremely Stony Loam	GC GC-GM GM	A-4	35-55	15-45	55-75	50-70	40-65	35-50	25-35	5-10
	6-14	Very Gravelly Sandy Clay Loam Very Gravelly Loam Very Gravelly Clay Loam	GC	A-2 A-6 A-7	0-5	5-20	40-60	35-55	30-45	25-40	35-50	15-25
	14-18	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
350: Mizel	0-3	Very Gravelly Coarse Sandy Loam	GM	A-1	0	5-10	40-60	30-40	15-30	10-25	15-25	NP-5
	3-7	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
351:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
351: Mizel	In											
	0-3	Very Gravelly Coarse Sandy Loam	GM	A-1	0	5-10	40-60	30-40	15-30	10-25	15-25	NP-5
	3-7	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Skedaddle	0-5	Very Stony Loam	GC SC	A-2 A-6	5-25	5-45	60-80	50-70	40-60	30-45	25-35	10-15
	5-9	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
360: Pits	0-60	Variable	GP	A-1	---	---	---	---	---	---	0-14	---
370: Lemm	0-19	Very Gravelly Coarse Sandy Loam	SM	A-1	0	0-5	75-95	35-50	25-35	10-20	---	NP
	19-40	Very Gravelly Sandy Loam Very Gravelly Coarse Sandy Loam	SC SC-SM	A-1 A-2	0	0-5	70-90	35-50	20-30	15-25	20-35	5-15
	40-60	Very Gravelly Loamy Coarse Sand Gravelly Loamy Coarse	SM	A-1	0	0-5	70-90	35-70	25-35	10-25	---	NP
390: Duckhill	0-3	Stony Loam	GM SM	A-2 A-4	1-5	5-10	50-70	40-60	35-50	30-45	15-25	NP-5
	3-9	Very Gravelly Clay Loam Very Gravelly Loam	GC	A-2 A-6	0-5	10-20	40-70	35-60	30-50	25-50	30-40	10-20
	9-12	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	12-16	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
391:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
391: Duckhill	In											
	0-3	Stony Loam	GM SM	A-2 A-4	1-5	5-10	50-70	40-60	35-50	30-45	15-25	NP-5
	3-9	Very Gravelly Loam Very Gravelly Clay Loam	GC	A-2 A-6	0-5	10-20	40-70	35-60	30-50	25-50	30-40	10-20
	9-12	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	12-16	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Hirschdale	0-6	Very Stony Loam	CL SC	A-6	5-25	10-20	80-90	70-80	45-65	40-55	25-35	10-15
	6-39	Clay Gravelly Clay Loam	CH CL	A-7	0-5	0-10	65-95	60-90	55-85	50-80	40-65	15-40
	39-43	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Fraval	0-9	Very Stony Loam	CL CL-ML	A-4	5-25	30-40	80-95	80-90	65-85	50-70	20-30	5-10
	9-27	Very Gravelly Loam Very Gravelly Clay Loam Very Cobbly Loam	GC SC	A-6	0-5	20-30	60-90	55-75	45-65	35-50	30-40	10-20
	27-40	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
400: Jubilee Variant, strongly	0-14 14-60	Loamy Sand Stratified Loamy Coarse Sand To Sandy Loam	SM SM	A-2 A-2	0 0	0 0	100 100	90-100 90-100	50-75 50-70	15-30 15-35	--- ---	NP NP
Voltaire	---				---	---	---	---	---	---	---	---
401: Jubilee Variant, slightly	0-14 14-60	Loamy Sand Stratified Loamy Coarse Sand To Sandy Loam	SM SM	A-2 A-2	0 0	0 0	100 100	90-100 90-100	50-75 50-70	15-30 15-35	--- ---	NP NP
Voltaire	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
401:	In											
403: Jubilee Variant	0-14	Loam	ML	A-4	0	0	100	90-100	60-95	45-65	---	NP
	14-60	Stratified Loamy Coarse Sand To Sandy Loam	SM	A-2	0	0	100	90-100	50-70	15-35	---	NP
Voltaire	---				---	---	---	---	---	---	---	---
410: Ophir	0-11	Loamy Sand	SM	A-2	0	0	95-100	80-100	50-75	15-30	---	NP
	11-60	Stratified Gravelly Coarse Sand To Sandy Loam	SM	A-1 A-2	0	0	85-100	60-90	35-55	10-25	---	NP
Jubilee	---				---	---	---	---	---	---	---	---
411: Ophir	0-12	Loamy Sand	SM	A-2	0	0	95-100	80-100	50-75	15-30	---	NP
	12-60	Stratified Gravelly Coarse Sand To Sandy Loam	SM	A-1 A-2	0	0	85-100	60-90	35-55	10-25	---	NP
Jubilee	---				---	---	---	---	---	---	---	---
420: Godecke	0-5	Loamy Sand	SM	A-2	0	0	100	100	50-75	15-30	---	NP
	5-15	Sandy Clay Loam	CL	A-6	0	0	100	100	80-95	55-75	30-45	10-25
		Clay Loam		A-7								
	15-60	Stratified Loam To Clay	CL	A-6	0	0	100	100	90-95	65-75	35-45	10-20
			ML	A-7								
Voltaire	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
420: Sagouspe Variant, Wet, wet	0-5	Loamy Very Fine Sand	ML SM	A-4	0	0	100	100	90-95	40-60	---	NP
	5-22	Sand	SM SP-SM SW-SM	A-2 A-3	0	0	100	90-100	50-70	5-15	---	NP
	22-60	Stratified Sand To Silt	SM	A-2 A-4	0	0	100	95-100	50-80	20-40	20-25	NP-5
423: Godecke Variant	0-12	Loamy Sand	SM	A-2	0	0	95-100	90-100	50-70	15-35	---	NP
	12-25	Sandy Clay Loam	CL SC	A-6 A-7	0	0	95-100	95-100	80-95	35-60	35-45	15-25
	25-42	Sandy Clay Loam	SC	A-2 A-6	0	0	80-100	75-100	65-90	30-50	25-40	10-20
	42-60	Cemented	---	---	---	---	---	---	---	---	---	---
430: Sagouspe Variant	0-5	Loamy Very Fine Sand	ML SM	A-4	0	0	100	100	90-95	40-60	---	NP
	5-22	Sand	SM SP-SM SW-SM	A-2 A-3	0	0	100	90-100	50-70	5-15	---	NP
	22-60	Stratified Sand To Silt	SM	A-2 A-4	0	0	100	95-100	50-80	20-40	20-25	NP-5
Oxyaquic Torrifluvents	0-5	Loamy Very Fine Sand	ML SM	A-4	0	0	100	100	90-95	40-60	---	NP
	5-42	Sand	SM SW-SM	A-2 A-3	0	0	100	90-100	50-70	5-15	---	NP
	42-62	Silty Clay Clay	CH MH	A-7	0	0	100	100	95-100	85-100	50-60	20-30

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
430: Sagouspe Variant, Wet, wet	In											
	0-5	Loamy Very Fine Sand	ML	A-4	0	0	100	100	90-95	40-60	---	NP
	5-22	Sand	SM	A-2	0	0	100	90-100	50-70	5-15	---	NP
			SP-SM	A-3								
	22-60	Stratified Sand To Silt	SW-SM	A-2	0	0	100	95-100	50-80	20-40	20-25	NP-5
			SM	A-4								
431: Sagouspe Variant, Wet, wet	0-5	Loamy Very Fine Sand	ML	A-4	0	0	100	100	90-95	40-60	---	NP
	5-22	Sand	SM	A-2	0	0	100	90-100	50-70	5-15	---	NP
			SP-SM	A-3								
	22-60	Stratified Sand To Silt	SW-SM	A-2	0	0	100	95-100	50-80	20-40	20-25	NP-5
			SM	A-4								
Oxyaquic Torrifluvents	0-5	Loamy Very Fine Sand	ML	A-4	0	0	100	100	90-95	40-60	---	NP
	5-42	Sand	SM	A-2	0	0	100	90-100	50-70	5-15	---	NP
			SW-SM	A-3								
	42-62	Clay Silty Clay	CH	A-7	0	0	100	100	95-100	85-100	50-60	20-30
			MH									
440: Jubilee	0-22	Sandy Loam	SM	A-2	0	0	95-100	85-100	50-60	25-35	15-25	NP-5
	22-60	Stratified Coarse Sand To Sandy Loam	SM	A-1	0	0	95-100	85-100	40-50	10-20	---	NP
Other Soils	---				---	---	---	---	---	---	---	---
441:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
441: Jubilee	In											
	0-11	Clay Loam	CL	A-6 A-7	0	0	95-100	85-100	75-90	60-75	35-45	15-25
	11-60	Stratified Coarse Sand To Sandy Loam	SM	A-1	0	0	95-100	85-100	40-50	10-20	---	NP
Other Soils	---				---	---	---	---	---	---	---	---
442: Jubilee												
	0-11	Gravelly Sand	SM SP-SM SW-SM	A-1	0	0	60-85	50-75	25-40	5-15	---	NP
	11-28	Stratified Coarse Sandy Loam To Fine Sandy Loam	SM	A-2	0	0	95-100	85-100	50-60	25-35	15-25	NP-5
	28-60	Stratified Coarse Sand To Sandy Loam	SM	A-1	0	0	95-100	85-100	40-50	10-20	---	NP
Voltaire	---				---	---	---	---	---	---	---	---
443: Jubilee												
	0-12	Loamy Sand	SM	A-1 A-2	0	0	90-100	75-100	45-60	15-30	---	NP
	12-30	Stratified Coarse Sandy Loam To Fine Sandy Loam	SM	A-2	0	0	95-100	85-100	55-60	25-35	15-25	NP-5
	30-60	Stratified Coarse Sand To Sandy Loam	SM	A-1	0	0	95-100	85-100	40-50	10-20	---	NP
Other Soils	---				---	---	---	---	---	---	---	---
445: Jubilee, drained												
	0-22	Sandy Loam	SM	A-2	0	0	95-100	85-100	50-65	25-35	---	NP
	22-60	Stratified Loamy Coarse Sand To Fine Sandy Loam	SM	A-2 A-4	0	0	95-100	85-100	50-75	25-40	---	NP

Distribution Generation Date:

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
445: Voltaire	---				---	---	---	---	---	---	---	---
450: Voltaire, slightly saline	0-20	Loam	CL	A-6	0	0	100	100	80-100	60-80	25-35	10-15
	20-60	Stratified Loamy Sand To Silty Clay Loam	CL	A-6	0	0	100	100	80-100	65-85	35-40	15-20
451: Voltaire, slightly saline	0-15	Loam	CL	A-6	0	0	100	100	85-100	70-85	30-40	10-20
	15-60	Stratified Loamy Sand To Silty Clay Loam	CL	A-6	0	0	100	100	90-100	75-85	35-40	20-25
452: Voltaire, strongly saline	0-18	Loam	CL	A-6	0	0	100	100	85-100	70-85	30-40	10-20
	18-60	Stratified Loamy Sand To Silty Clay Loam	CL	A-6	0	0	100	100	90-100	75-85	35-40	20-25
454: Voltaire, drained	0-20	Silty Clay	CH	A-7	0	0	100	100	95-100	90-95	45-55	20-30
	20-60	Stratified Loamy Sand To Silty Clay Loam	CL CL	A-6 A-7	0	0	100	100	85-95	75-85	30-45	10-20
455: Voltaire, drained	0-20	Silty Clay	CH	A-7	0	0	100	100	95-100	90-95	45-55	20-30
	20-60	Stratified Loamy Sand To Silty Clay Loam	CL CL	A-6 A-7	0	0	100	100	85-95	75-85	30-45	10-20
Truckee	0-12	Silt Loam	ML	A-4	0	0	100	100	85-95	60-80	25-35	NP-10
	12-60	Stratified Sandy Loam To Silty Clay Loam	CL	A-4	0	0	100	100	85-95	60-75	25-35	5-15
			CL-ML	A-6								

Distribution Generation Date:

Page 26 of 141

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
456: Voltaire, gravelly substratum	0-9	Clay Loam	CL	A-6 A-7	0	0	100	100	90-100	70-80	35-45	15-20
	9-36	Stratified Silt Loam To Clay	CL	A-6 A-7	0	0	100	100	90-100	70-90	35-45	15-20
	36-60	Stratified Very Gravelly Coarse Sand To Sandy Clay Loam	GM	A-1 A-2	0	5-15	50-60	40-50	25-40	15-30	15-25	NP-5
460: Surprise	0-9	Loamy Sand	SM	A-1 A-2	0	0	80-100	75-90	40-50	15-30	---	NP
	9-45	Stratified Gravelly Sandy Loam To Gravelly Loam	SM	A-1 A-2	0	0-5	60-80	50-75	30-50	15-35	20-30	NP-5
	45-67	Stratified Very Gravelly Gravelly Sandy Loam	GM SM	A-1 A-2	0	0-15	50-70	35-60	20-40	10-30	---	NP
461: Surprise	0-7	Coarse Sandy Loam	SM	A-1 A-2	0	0	80-100	75-90	40-55	20-30	---	NP
	7-24	Stratified Gravelly Sandy Loam To Gravelly Loam	SM	A-1 A-2	0	0-5	60-80	50-75	30-50	15-35	20-30	NP-5
	24-66	Stratified Very Gravelly Gravelly Sandy Loam	GM SM	A-1 A-2	0	0-15	50-70	35-60	20-40	10-30	---	NP
463: Surprise	0-12	Coarse Sandy Loam	SM	A-1 A-2	0	0	80-100	75-90	40-55	20-30	---	NP
	12-24	Stratified Gravelly Sandy Loam To Gravelly Loam	SM	A-1 A-2	0	0-5	60-80	50-75	30-50	15-35	20-30	NP-5
	24-60	Stratified Very Gravelly Sandy Loam To Gravelly Sandy Loam	GM SM	A-1 A-2	0-2	0-15	50-70	35-60	20-40	10-30	---	NP

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
470: Dalzell	In											
	0-14	Loamy Fine Sand	SM	A-2	0	0	95-100	95-100	70-80	20-35	---	NP
	14-32	Silty Clay Loam	CL	A-6	0	0	100	100	80-100	45-85	30-45	10-25
		Sandy Clay Loam	SC	A-7								
		Loam										
	32-36	Cemented	---	---	---	---	---	---	---	---	---	---
	36-60	Sandy Loam	SM	A-1	0	0	100	70-100	30-70	5-35	---	NP
		Loamy Sand	SP-SM	A-2								
		Gravelly Coarse Sand		A-3								
Playas	0-6	Silty Clay Loam	CH	A-7	0	0	100	100	100	90-100	40-55	15-25
			CL									
			MH									
	6-60	Silty Clay	CH	A-7	0	0	100	100	100	90-100	45-75	20-35
		Silty Clay Loam	CL									
480: Holbrook		Clay	MH									
	0-10	Gravelly Loamy Sand	SM	A-1	0	0-10	80-90	65-80	35-50	10-20	---	NP
	10-60	Stratified Stony Sand To	GM	A-1	0-10	10-40	45-70	40-65	30-50	15-30	---	NP
		Extremely Gravelly Loam	SM	A-2								
482: Holbrook	0-10	Cobbly Loamy Sand	SM	A-1	0	15-30	75-90	50-70	25-40	10-20	---	NP
	10-60	Stratified Stony Sand To	GM	A-1	0-10	10-40	45-70	40-65	30-50	15-30	---	NP
		Extremely Gravelly Loam	SM	A-2								
490:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
490: Graufels	In											
	0-10	Bouldery Sand	SM SP-SM SW-SM	A-1 A-2 A-3	1-5	0-5	85-95	75-85	40-60	5-15	---	NP
	10-22	Sand Gravelly Loamy Sand Gravelly Loamy Coarse	SM	A-1 A-2	0	0	85-90	60-80	30-55	10-20	---	NP
	22-40	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
491: Graufels	0-12	Bouldery Sand	SM SP-SM SW-SM	A-1 A-2 A-3	1-5	0-5	85-95	75-85	40-60	5-15	---	NP
	12-26	Gravelly Loamy Coarse Sand	SM	A-1 A-2	0	0	85-90	60-80	30-55	10-20	---	NP
	26-40	Gravelly Loamy Sand Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
492: Graufels	0-12	Bouldery Sand	SM SP-SM SW-SM	A-1 A-2 A-3	1-5	0-5	85-95	75-85	40-60	5-15	---	NP
	12-26	Sand Gravelly Loamy Sand Gravelly Loamy Coarse	SM	A-1 A-2	0	0	85-90	60-80	30-55	10-20	---	NP
	26-40	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
493:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
493: Graufels	In											
	0-11	Gravelly Loamy Coarse	SM	A-1 A-2	0	0	85-95	60-75	30-55	10-20	---	NP
	11-25	Sand Gravelly Loamy Sand Gravelly Loamy Coarse	SM	A-1 A-2	0	0	85-90	60-80	30-55	10-20	---	NP
	25-40	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Glenbrook	0-7	Cobbly Sand	SW-SM	A-1	0	15-30	80-95	60-75	30-50	5-10	---	NP
	7-13	Gravelly Loamy Coarse Gravelly Sand Coarse Sand	SM SW-SM	A-1	0	0-10	80-95	60-80	40-50	5-20	---	NP
	13-17	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
494: Graufels	0-9	Gravelly Loamy Coarse	SM	A-1 A-2	0	0	85-95	60-75	30-55	10-20	---	NP
	9-24	Gravelly Loamy Sand Gravelly Loamy Coarse Sand	SM	A-1 A-2	0	0	85-90	60-80	30-55	10-20	---	NP
	24-40	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
495: Graufels	0-9	Gravelly Loamy Coarse	SM	A-1 A-2	0	0	85-95	60-75	30-55	10-20	---	NP
	9-23	Gravelly Loamy Sand Gravelly Loamy Coarse Sand	SM	A-1 A-2	0	0	85-90	60-80	30-55	10-20	---	NP
	23-40	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
495: Glenbrook	In											
	0-8	Cobbly Sand	SW-SM	A-1	0	15-30	80-95	60-75	30-50	5-10	---	NP
	8-15	Coarse Sand Gravelly Sand	SM SW-SM	A-1	0	0-10	80-95	60-80	40-50	5-20	---	NP
	15-19	Gravelly Loamy Coarse Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
496: Graufels												
	0-15	Gravelly Loamy Coarse	SM	A-1 A-2	0	0	85-95	60-75	30-55	10-20	---	NP
	15-26	Gravelly Loamy Sand Sand	SM	A-1 A-2	0	0	85-90	60-80	30-55	10-20	---	NP
	26-40	Gravelly Loamy Coarse Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Glenbrook												
	0-12	Cobbly Sand	SW-SM	A-1	0	15-30	80-95	60-75	30-50	5-10	---	NP
	12-18	Gravelly Sand Coarse Sand	SM SW-SM	A-1	0	0-10	80-95	60-80	40-50	5-20	---	NP
	18-22	Gravelly Loamy Coarse Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Haypress												
	0-15	Very Bouldery Loamy Coarse Sand	SM	A-1	10-25	5-10	80-95	65-80	35-50	10-25	0-14	NP
	15-46	Gravelly Coarse Sand Gravelly Loamy Coarse	SM SP-SM SW-SM	A-1	0	5-10	60-85	50-75	25-50	5-15	0-14	NP
	46-50	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
497:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
497: Graufels	0-11	Bouldery Sand	SM SP-SM SW-SM	A-1 A-2 A-3	1-5	0-5	85-95	75-85	40-60	5-15	---	NP
	11-35	Gravelly Loamy Coarse Sand	SM	A-1 A-2	0	0	85-90	60-80	30-55	10-20	---	NP
	35-60	Gravelly Loamy Sand Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Glenbrook	0-8	Very Stony Loamy Coarse Sand	SM SP-SM	A-1	5-15	0-5	85-100	60-85	15-30	5-15	0-14	NP
	8-19	Gravelly Loamy Coarse Gravelly Sand Coarse Sand	SM SW-SM	A-1	0-2	0-10	80-95	60-80	40-50	5-20	0-14	NP
	19-29	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
500: Mottsville	0-10	Sand	SM SP-SM	A-1 A-2 A-3	0	0	95-100	80-100	40-70	5-20	---	NP
	10-60	Stratified Gravelly Coarse Sand To Loamy Sand	SM SP-SM	A-1	0	0	90-100	55-95	30-50	5-20	---	NP
504: Mottsville	0-10	Sand	SM SP-SM	A-1 A-2 A-3	0	0	95-100	80-100	40-70	5-20	---	NP
	10-60	Stratified Gravelly Coarse Sand To Loamy Sand	SM SP-SM	A-1	0	0	90-100	55-95	30-50	5-20	---	NP
505:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
505: Mottsville	In											
	0-11	Gravelly Coarse Sand	SM SP-SM SW-SM	A-1	0	0	80-100	55-75	20-35	5-15	---	NP
	11-60	Stratified Gravelly Coarse Sand To Loamy Sand	SM SP-SM	A-1	0	0	90-100	55-95	30-50	5-20	---	NP
510: Settlemeier	0-15	Fine Sandy Loam	SC SC-SM	A-4	0	0	100	100	70-90	35-50	20-30	5-10
	15-39	Silty Clay Loam Clay Loam	CL	A-6	0	0	100	100	80-100	75-95	35-40	15-20
	39-60	Stratified Very Gravelly Loamy Sand To Silty Clay Loam	CL CL-ML GC GC-GM SC	A-4 A-6	0	0-5	60-90	60-85	45-80	35-60	15-25	5-15
Voltaire	---				---	---	---	---	---	---	---	---
513: Settlemeier	0-15	Fine Sandy Loam	SC SC-SM	A-4	0	0	100	100	70-90	35-50	20-30	5-10
	15-39	Clay Loam Silty Clay Loam	CL	A-6	0	0	100	100	80-100	75-95	35-40	15-20
	39-60	Stratified Very Gravelly Loamy Sand To Silty Clay Loam	CL CL-ML GC GC-GM SC	A-4 A-6	0	0-5	60-90	60-85	45-80	35-60	15-25	5-15

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
513: Notus	In											
	0-12	Stony Loamy Fine Sand	SM	A-2	1-5	5-10	80-100	70-100	55-80	15-35	---	NP
	12-60	Stratified Very Gravelly Coarse Sand To Sandy	GM GP-GM GW-GM SM SW-SM	A-1	0	15-25	40-70	35-50	15-35	5-15	---	NP
Voltaire	---				---	---	---	---	---	---	---	---
514: Settlemeier	0-12	Gravelly Loam	CL GC SC	A-6	0	0-5	70-90	60-75	50-75	45-60	20-30	10-15
	12-35	Silty Clay Loam Clay Loam	CL	A-6	0	0	100	100	80-100	75-95	35-40	15-20
	35-60	Stratified Very Gravelly Loamy Sand To Silty Clay Loam	CL CL-ML GC GC-GM SC	A-4 A-6	0	0-5	60-90	60-85	45-80	35-60	15-25	5-15
Voltaire	---				---	---	---	---	---	---	---	---
520: Dressler	0-19	Loamy Sand	SM	A-1 A-2	0	0-5	80-90	80-90	40-55	10-20	---	NP
	19-60	Stratified Sand To Cobbly Coarse Sandy Loam	SM	A-1 A-2	0-5	10-30	75-90	70-80	35-45	20-30	---	NP
Settlemeier	---				---	---	---	---	---	---	---	---
Other Soils	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
520:	In											
530: Sagouspe	0-21	Sand	SM	A-2	0	0	100	100	50-70	10-20	---	NP
	21-60	Stratified Coarse Sand To Silt Loam	SM	A-2 A-4	0	0	100	100	50-75	15-40	---	NP
Cradlebaugh	---				---	---	---	---	---	---	---	---
531: Sagouspe	0-21	Fine Sandy Loam	ML	A-4	0	0	100	100	70-85	40-55	---	NP
	21-60	Stratified Coarse Sand To Silt Loam	SM	A-2 A-4	0	0	100	100	50-75	15-40	---	NP
Cradlebaugh	---				---	---	---	---	---	---	---	---
532: Sagouspe	0-10	Gravelly Sand	SW-SM	A-1 A-2 A-3	0	0-5	80-90	70-75	35-55	5-10	---	NP
	10-40	Stratified Coarse Sand To Silt Loam	SM	A-2 A-4	0	0	100	100	50-75	15-40	10-20	NP-5
	40-60	Very Gravelly Loamy Coarse Sand	GM GW-GM	A-1	0	5-15	40-60	35-50	10-30	5-20	---	NP
Other Soils	---				---	---	---	---	---	---	---	---
Riverwash	---				---	---	---	---	---	---	---	---
550:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
550: Leviathan	In											
	0-9	Stony Sandy Loam	SC-SM	A-1	1-5	0-10	80-90	50-60	35-50	15-30	20-30	NP-10
	9-60	Very Gravelly Sandy Clay Loam	SM GC SC	A-2	5-15	0-15	50-70	40-50	35-45	15-25	35-45	15-20
551: Leviathan	0-9	Stony Sandy Loam	SC-SM	A-1	1-5	0-10	80-90	50-60	35-50	15-30	20-30	NP-10
	9-60	Very Gravelly Sandy Clay Loam	SM GC SC	A-2	5-15	0-15	50-70	40-50	35-45	15-25	35-45	15-20
553: Leviathan	0-9	Stony Sandy Loam	SC-SM	A-1	1-5	0-10	80-90	50-60	35-50	15-30	20-30	NP-10
	9-60	Very Gravelly Sandy Clay Loam	SM GC SC	A-2	5-15	0-15	50-70	40-50	35-45	15-25	35-45	15-20
554: Leviathan	0-11	Very Stony Sandy Loam	GC-GM GM SC-SM	A-1 A-2	5-25	0-5	60-90	50-60	35-50	15-30	20-30	NP-10
	11-60	Very Gravelly Sandy Clay Loam	SM GC SC	A-2	0	10-20	50-70	40-50	35-45	15-25	35-45	15-25
557: Leviathan	0-11	Very Stony Sandy Loam	GC-GM GM SC-SM	A-1 A-2	5-25	0-5	60-90	50-60	35-50	15-30	20-30	NP-10
	11-60	Very Gravelly Sandy Clay Loam	SM GC SC	A-2	0	10-20	50-70	40-50	35-45	15-25	35-45	15-25

Distribution Generation Date:

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
557:	In										Pct	Index
559: Leviathan	0-11	Extremely Stony Sandy	GC-GM GM SC-SM SM	A-1 A-2	25-35	5-10	60-90	50-60	35-50	15-30	20-30	NP-10
	11-60	Very Gravelly Sandy Clay Loam	GC GC SC	A-2	0	10-20	50-70	40-50	35-45	15-25	35-45	15-25
570: Turria	0-2	Loam	CL CL-ML	A-4 A-6	0	0	100	100	85-95	65-75	25-35	5-15
	2-12	Clay Loam	CL	A-6	0	0	100	100	90-100	65-80	35-45	15-20
	12-60	Stratified Very Fine Sandy Loam To Silt Loam	CL CL-ML	A-4 A-6	0	0	100	100	90-100	60-80	25-35	5-15
585: Barnard	0-15	Stony Sandy Loam	SM	A-2 A-4	10-20	5-10	85-95	80-90	50-80	25-50	15-25	NP-5
	15-26	Clay	CH	A-7	0	0-10	85-100	85-100	70-90	60-85	50-60	30-40
	26-30	Silty Clay Indurated	---	---	---	---	---	---	---	---	---	---
Trosi	0-12	Very Stony Sandy Loam	GM SM	A-1 A-2 A-4	5-25	5-10	60-80	50-75	30-50	20-40	15-25	NP-5
	12-19	Very Cobbly Clay Very Cobbly Clay Loam	CH CL GC	A-7	0-10	30-50	70-85	65-80	60-75	45-65	40-60	15-30
	19-34	Indurated	---	---	---	---	---	---	---	---	---	---
	34-60	Variable	GP	A-1	---	---	---	---	---	---	---	---

Distribution Generation Date:

Page 37 of 141

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
585:												
Other Soils	---				---	---	---	---	---	---	---	---
590: Springmeyer	0-13	Stony Loam	CL CL-ML SC SC-SM	A-4 A-6	1-5	5-15	80-100	75-95	55-75	35-60	25-35	5-15
	13-40	Sandy Clay Loam Clay Loam	CL SC	A-2 A-6	0	0-5	80-95	65-85	60-80	30-60	35-45	15-20
	40-60	Gravelly Sandy Clay Loam Stratified Loamy Sand To Very Gravelly Sandy Clay Loam	SC	A-7 A-2	0	0-10	70-85	55-70	35-50	25-35	30-40	10-15
Other Soils	---				---	---	---	---	---	---	---	---
591: Springmeyer	0-13	Stony Loam	CL CL-ML SC SC-SM	A-4 A-6	1-5	5-15	80-100	75-95	55-75	35-60	25-35	5-15
	13-40	Gravelly Sandy Clay Loam Sandy Clay Loam	CL SC	A-2 A-6	0	0-5	80-95	65-85	60-80	30-60	35-45	15-20
	40-60	Clay Loam Stratified Loamy Sand To Very Gravelly Sandy Clay Loam	SC	A-7 A-2	0	0-10	70-85	55-70	35-50	25-35	30-40	10-15
Other Soils	---				---	---	---	---	---	---	---	---
595:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
595: Springmeyer	In											
	0-13	Sandy Clay Loam	CL	A-6	0	0-5	80-100	80-95	60-80	45-60	25-35	10-15
			SC									
	13-40	Clay Loam	CL	A-2	0	0-5	80-95	65-85	60-80	30-60	35-45	15-20
		Gravelly Sandy Clay Loam	SC	A-6								
		Sandy Clay Loam		A-7								
	40-60	Stratified Extremely Gravelly Loamy Sand To Sandy Clay Loam	SC	A-2	0	0-5	70-85	55-70	30-45	20-30	25-35	10-15
Other Soils	---				---	---	---	---	---	---	---	---
600: Idlewild, drained	0-13	Clay Loam	CL	A-6	0	0-5	95-100	90-100	85-95	55-80	25-40	10-20
	13-36	Silty Clay	CH	A-7	0	0-10	90-100	85-100	75-95	70-90	45-60	20-30
		Silty Clay Loam	CL									
		Clay										
	36-62	Stratified Sandy Clay Loam To Silty Clay	CL	A-7	0	0-10	90-100	85-100	75-95	50-80	40-50	15-25
601: Idlewild, drained	0-13	Sandy Loam	SM	A-2	0	0-5	95-100	90-100	60-85	30-50	15-25	NP-5
				A-4								
	13-36	Clay	CH	A-7	0	0-10	90-100	85-100	75-95	70-90	45-60	20-30
		Silty Clay	CL									
		Silty Clay Loam										
	36-62	Stratified Sandy Clay Loam To Silty Clay	CL	A-7	0	0-10	90-100	85-100	75-95	50-80	40-50	15-25
602:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
602: Idlewild	0-10	Gravelly Sandy Loam	SM	A-1	0	0-10	65-85	60-75	35-55	15-30	15-25	NP-5
	10-36	Silty Clay Silty Clay Loam Clay	CH CL	A-2 A-7	0	0-10	90-100	85-100	75-95	70-90	45-60	20-30
	36-60	Stratified Sandy Clay Loam To Silty Clay	CL	A-7	0	0-10	90-100	85-100	75-95	50-80	40-50	15-25
Settlemeier	---				---	---	---	---	---	---	---	---
612: Verdico	0-2	Very Stony Sandy Loam	SM	A-2	5-10	10-20	85-100	75-85	50-60	20-30	---	NP
	2-22	Clay	CH	A-7	0	0-5	85-95	85-95	75-95	65-90	50-65	30-45
	22-29	Gravelly Clay	CH	A-7	0	0-5	75-95	65-75	60-75	50-70	50-65	30-45
	29-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
613: Verdico	0-2	Extremely Stony Sandy	SM	A-2	25-40	5-20	85-100	75-85	50-60	20-30	---	NP
	2-22	Clay	CH	A-7	0	0-5	85-95	85-95	75-95	65-90	50-65	30-45
	22-29	Gravelly Clay	CH	A-7	0	0-5	75-95	65-75	60-75	50-70	50-65	30-45
	29-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
614: Verdico	0-2	Extremely Stony Sandy	SM	A-2	25-40	5-20	85-100	75-85	50-60	20-30	---	NP
	2-22	Clay	CH	A-7	0	0-5	85-95	85-95	75-95	65-90	50-65	30-45
	22-29	Gravelly Clay	CH	A-7	0	0-5	75-95	65-75	60-75	50-70	50-65	30-45
	29-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
615:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
615: Verdico	In											
	0-2	Sandy Loam	SM	A-2 A-4	0	0-5	90-100	85-95	50-65	25-40	---	NP
	2-22	Clay	CH	A-7	0	0-5	85-95	85-95	75-95	65-90	50-65	30-45
	22-29	Gravelly Clay	CH	A-7	0	0-5	75-95	65-75	60-75	50-70	50-65	30-45
	29-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
620: Orr												
	0-12	Stony Sandy Loam	SM	A-2 A-4	1-5	0-9	80-100	70-100	50-70	20-40	---	NP
	12-50	Loam	SC	A-2	0	0-5	75-85	70-85	60-80	30-50	25-35	5-15
		Gravelly Sandy Loam	SC-SM	A-4								
		Gravelly Sandy Clay Loam		A-6								
	50-60	Gravelly Sandy Loam	SC-SM	A-1	0	0-5	70-85	60-80	40-65	20-35	15-30	NP-10
		Sandy Clay Loam	SM	A-2								
Other Soils	---				---	---	---	---	---	---	---	---
621: Orr												
	0-12	Stony Sandy Loam	SM	A-2 A-4	1-5	0-9	80-100	70-100	50-70	20-40	---	NP
	12-50	Gravelly Sandy Loam	SC	A-2	0	0-5	75-85	70-85	60-80	30-50	25-35	5-15
		Gravelly Sandy Clay Loam	SC-SM	A-4								
		Loam		A-6								
	50-60	Gravelly Sandy Loam	SC-SM	A-1	0	0-5	70-85	60-80	40-65	20-35	15-30	NP-10
		Sandy Clay Loam	SM	A-2								
Other Soils	---				---	---	---	---	---	---	---	---
622:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
622: Orr, gravelly substratum	In											
	0-12	Stony Sandy Loam	SM	A-1	1-5	5-15	60-85	55-75	30-60	15-35	15-25	NP-5
	12-50	Gravelly Sandy Clay Loam	SC SC-SM	A-2 A-4 A-6	0	0-5	65-85	65-75	50-65	20-45	25-35	5-15
	50-60	Stratified Very Gravelly Sand To Gravelly Sandy	GM GW-GM SM SP-SM SW-SM	A-1	0	10-20	50-80	40-50	25-35	5-15	---	NP
Other Soils	---				---	---	---	---	---	---	---	---
623: Orr	0-10	Sandy Loam	SM	A-2 A-4	0	0-5	85-95	80-90	60-70	30-40	---	NP
	10-50	Gravelly Sandy Loam Gravelly Sandy Clay Loam Loam	SC SC-SM	A-2 A-4 A-6	0	0-5	75-85	70-85	60-80	30-50	25-35	5-15
	50-60	Gravelly Sandy Loam Sandy Clay Loam	SC-SM SM	A-1 A-2	0	0-5	70-85	60-80	40-65	20-35	15-30	NP-10
624: Orr	0-12	Gravelly Sandy Loam	SM	A-1 A-2	0	0-5	70-80	65-75	40-65	20-35	---	NP
	12-50	Gravelly Sandy Clay Loam Loam	SC SC-SM	A-2 A-4 A-6	0	0-5	75-85	70-85	60-80	30-50	25-35	5-15
	50-60	Gravelly Sandy Loam Sandy Clay Loam Gravelly Sandy Loam	SC-SM SM	A-1 A-2	0	0-5	70-85	60-80	40-65	20-35	15-30	NP-10
630:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
630: Fleischmann	In											
	0-4	Gravelly Clay Loam	CL	A-6	0	0-5	75-85	65-75	60-70	50-65	30-45	15-25
	4-20	Clay	CH	A-7	0	0-5	80-100	80-100	75-95	70-95	50-65	35-45
	20-43	Cemented	---	---	---	---	---	---	---	---	---	---
	43-60	Variable	GP	A-1	---	---	---	---	---	---	---	---
631: Fleischmann	0-4	Gravelly Clay Loam	CL	A-6	0	0-5	75-85	65-75	60-70	50-65	30-45	15-25
	4-20	Clay	CH	A-7	0	0-5	80-100	80-100	75-95	70-95	50-65	35-45
	20-43	Cemented	---	---	---	---	---	---	---	---	---	---
	43-60	Variable	GP	A-1	---	---	---	---	---	---	---	---
632: Fleischmann	0-4	Loam	CL SC	A-6	0	0-5	85-100	85-100	70-85	40-65	25-40	10-20
	4-20	Clay	CH	A-7	0	0-5	80-100	80-100	75-95	70-95	50-65	35-45
	20-43	Cemented	---	---	---	---	---	---	---	---	---	---
	43-60	Variable	GP	A-1	---	---	---	---	---	---	---	---
Other Soils	---				---	---	---	---	---	---	---	---
640: Notus	0-12	Stony Loamy Fine Sand	SM	A-2	1-5	5-10	80-100	70-100	55-80	15-35	---	NP
	12-60	Stratified Very Gravelly Coarse Sand To Sandy	GM GP-GM GW-GM SM SW-SM	A-1	0	15-25	40-70	35-50	15-35	5-15	---	NP
Settlemeier	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
650: Chalco	In											
	0-3	Very Stony Clay Loam	CL	A-6	10-25	15-25	90-100	80-100	60-80	50-70	35-40	15-20
	3-15	Clay Silty Clay	CH	A-7	0	0-5	80-100	75-100	70-90	65-85	50-65	25-35
	15-19	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
651: Chalco	0-4	Very Stony Clay Loam	CL	A-6	10-25	15-25	90-100	80-100	60-80	50-70	35-40	15-20
	4-15	Clay Silty Clay	CH	A-7	0	0-5	80-100	75-100	70-90	65-85	50-65	25-35
	15-19	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
652: Chalco	0-3	Stony Loam	CL CL-ML SC SC-SM	A-2 A-4 A-6	1-5	25-40	70-90	65-80	45-65	30-60	25-35	5-15
	3-16	Clay Silty Clay	CH	A-7	0	0-5	80-100	75-100	70-90	65-85	50-60	30-40
	16-20	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
653: Chalco	0-3	Cobbly Sandy Loam	SM	A-2	0-5	25-45	70-90	65-80	50-60	20-30	20-30	NP-5
	3-15	Clay Silty Clay	CH	A-7	0	0-5	80-100	75-100	70-90	65-85	50-60	30-40
	15-30	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
654: Chalco	0-3	Cobbly Sandy Loam	SM	A-2	0-5	25-45	70-90	65-80	50-60	20-30	20-30	NP-5
	3-15	Clay Silty Clay	CH	A-7	0	0-5	80-100	75-100	70-90	65-85	50-60	30-40
	15-30	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Distribution Generation Date:

Page 44 of 141

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
654: Celeton Variant	In											
	0-6	Very Gravelly Loam	GC	A-2 A-6	0	0-10	50-65	40-50	35-50	25-40	25-35	10-15
	6-10	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
660: Oest	0-14	Very Bouldery Loam	SC-SM	A-2	5-25	0-10	70-90	60-75	35-50	30-45	15-25	NP-10
	14-40	Very Gravelly Sandy Loam Very Gravelly Sandy Clay Loam	SM SC SC-SM	A-4 A-2	0-5	25-35	65-80	40-55	20-35	10-25	25-35	5-15
	40-60	Very Cobbly Sandy Loam Extremely Gravelly Sand Very Gravelly Loamy Sand	GP-GM GW-GM	A-1	0	20-30	40-50	30-40	15-25	5-10	---	NP
661: Oest	0-13	Bouldery Sandy Loam	SC-SM	A-1	1-5	5-10	70-90	60-75	35-55	20-30	15-25	NP-10
	13-44	Very Gravelly Sandy Loam Very Gravelly Sandy Clay Loam	SM SC SC-SM	A-2 A-2	0-5	25-35	65-80	40-55	20-35	10-25	25-35	5-15
	44-60	Very Cobbly Sandy Loam Extremely Gravelly Sand Very Gravelly Loamy Sand	GP-GM GW-GM	A-1	0	20-30	40-50	30-40	15-25	5-10	---	NP
662: Oest	0-8	Extremely Stony Sandy	SC-SM	A-1	25-35	0-10	70-90	50-65	30-45	15-25	15-25	NP-10
	8-40	Very Gravelly Sandy Loam Very Gravelly Sandy Clay Loam	SM SC SC-SM	A-2 A-2	0-5	25-35	65-80	40-55	20-35	10-25	25-35	5-15
	40-60	Very Cobbly Sandy Loam Very Gravelly Loamy Sand Extremely Gravelly Sand	GP-GM GW-GM	A-1	0	20-30	40-50	30-40	15-25	5-10	---	NP

Distribution Generation Date:

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
662:	In											
663: Oest	0-15	Very Gravelly Loam	GC	A-2	0	5-15	35-50	30-45	25-40	20-35	25-30	5-10
	15-40	Very Gravelly Sandy Clay Loam	GC-GM GC	A-2	0-5	15-25	45-60	35-50	20-35	10-25	25-35	10-15
	40-60	Very Gravelly Sandy Loam Extremely Gravelly Sand Very Gravelly Loamy Sand Extremely Gravelly Loamy Sand	GP-GM GW-GM	A-1	0-5	20-30	40-50	30-40	15-25	5-10	---	NP
Settlemeier	---				---	---	---	---	---	---	---	---
664: Oest	0-14	Very Gravelly Loam	GC	A-2	0	5-15	35-50	30-45	25-40	20-35	25-30	5-10
	14-40	Very Gravelly Sandy Loam Very Gravelly Sandy Clay Loam	GC-GM GC	A-2	0-5	15-25	45-60	35-50	20-35	10-25	25-35	10-15
	40-60	Very Gravelly Loamy Sand Extremely Gravelly Loamy Sand Extremely Gravelly Sand	GP-GM GW-GM	A-1	0-5	20-30	40-50	30-40	15-25	5-10	---	NP
668:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
668: Oest	In											
	0-15	Very Bouldery Sandy Loam	SC-SM	A-2	5-25	0-10	70-90	60-75	35-50	30-45	15-25	NP-10
	15-40	Very Cobbly Sandy Loam Very Gravelly Sandy Loam Very Gravelly Sandy Clay Loam	SM SC SC-SM	A-4 A-2	0-5	25-35	65-80	40-55	20-35	10-25	25-35	5-15
	40-60	Very Gravelly Loamy Sand Extremely Gravelly Sand	GP-GM GW-GM	A-1	0	20-30	40-50	30-40	15-25	5-10	---	NP
669: Oest	0-14	Gravelly Sandy Loam	SC-SM	A-1	0	5-10	70-90	60-75	35-55	20-30	15-25	NP-10
	14-40	Very Gravelly Sandy Loam Very Gravelly Sandy Clay Loam	SM GC	A-2 A-2	0-5	15-25	45-60	35-50	20-35	10-25	25-35	10-15
	40-60	Very Gravelly Loamy Sand Extremely Gravelly Loamy Sand Extremely Gravelly Sand	GP-GM GW-GM	A-1	0-5	20-30	40-50	30-40	15-25	5-10	---	NP
670: Galeppi	0-10	Sandy Loam	SM	A-2 A-4	0	0-10	95-100	90-100	55-70	30-40	15-25	NP-5
	10-22	Sandy Clay Loam Clay Loam	CL SC	A-6	0	0-10	95-100	90-100	75-90	35-60	30-40	10-15
	22-60	Sandy Loam Loam	SM	A-2 A-4	0	0-10	95-100	90-100	55-70	25-50	20-30	NP-5
671:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
671: Galeppi	In											
	0-10	Sandy Loam	SM	A-2 A-4	0	0-10	95-100	90-100	55-70	30-40	15-25	NP-5
	10-24	Sandy Clay Loam	CL	A-6	0	0-10	95-100	90-100	75-90	35-60	30-40	10-15
	24-60	Clay Loam	SC									
		Loam	SM	A-2 A-4	0	0-10	95-100	90-100	55-70	25-50	20-30	NP-5
		Sandy Loam										
673: Galeppi	0-10	Sandy Loam	SM	A-2 A-4	0	0-10	95-100	90-100	55-70	30-40	15-25	NP-5
	10-21	Sandy Clay Loam	CL	A-6	0	0-10	95-100	90-100	75-90	35-60	30-40	10-15
		Clay Loam	SC									
	21-60	Loam	SM	A-2 A-4	0	0-10	95-100	90-100	55-70	25-50	20-30	NP-5
		Sandy Loam										
674: Galeppi	0-10	Stony Sandy Loam	SM	A-2 A-4	1-5	20-35	85-95	80-90	50-70	30-40	15-25	NP-5
	10-21	Cobbly Clay Loam	CL	A-6	0	20-40	85-95	80-95	75-90	35-60	30-40	10-15
		Cobbly Sandy Clay Loam	SC									
	21-60	Cobbly Sandy Loam	SM	A-2	0	20-40	85-95	80-95	50-70	20-35	15-25	NP-5
676: Galeppi	0-9	Stony Sandy Loam	SM	A-2 A-4	1-5	20-35	85-95	80-90	50-70	30-40	15-25	NP-5
	9-27	Cobbly Sandy Clay Loam	CL	A-6	0	20-40	85-95	80-95	75-90	35-60	30-40	10-15
		Cobbly Clay Loam	SC									
	27-60	Cobbly Sandy Loam	SM	A-2	0	20-40	85-95	80-95	50-70	20-35	15-25	NP-5

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
676: Barnard	In											
	0-15	Stony Sandy Loam	SM	A-2	10-20	5-10	85-95	80-90	50-80	25-50	15-25	NP-5
	15-20	Sandy Loam	SM	A-2	0	0	90-100	80-95	50-65	25-35	15-20	NP-5
	20-26	Clay	CH	A-7	0	0-10	85-100	85-100	70-90	60-85	50-60	30-40
	26-36	Silty Clay										
	36-60	Indurated	---	---	---	---	---	---	---	---	---	---
681: Reno		Very Gravelly Loamy	SM	A-1	0	0	80-90	25-50	15-40	5-20	---	NP
		Coarse Sand	SP-SM									
		Very Gravelly Loamy Sand										
	0-2	Very Stony Fine Sandy	SM	A-1	5-25	35-45	75-80	60-75	35-55	20-40	---	NP
				A-2								
				A-4								
683: Reno	2-24	Gravelly Clay	CH	A-7	0	0-20	80-100	75-95	65-95	35-85	40-60	25-35
		Sandy Clay	CL									
		Clay	SC									
	24-47	Cemented	---	---	---	---	---	---	---	---	---	---
	47-51	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
730:	0-4	Stony Sandy Loam	SM	A-1	1-5	20-30	75-85	50-75	30-50	15-30	---	NP
				A-2								
	4-24	Sandy Clay	CH	A-7	0	0-20	80-100	75-95	65-95	35-85	40-60	25-35
		Clay	CL									
		Gravelly Clay	SC									
	24-47	Cemented	---	---	---	---	---	---	---	---	---	---
730:	47-51	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
730: Stodick	In											
	0-4	Very Stony Loam	CL CL-ML	A-4	5-10	0-5	85-95	80-90	70-85	50-70	15-25	5-10
	4-14	Very Gravelly Loam	GC	A-2	0	0-5	50-75	35-55	30-55	20-45	30-40	10-20
	14-18	Very Gravelly Clay Loam Weathered Bedrock	SC ---	A-6 ---	---	---	---	---	---	---	---	---
731: Stodick	0-5	Stony Loam	CL CL-ML SC-SM	A-4	1-5	0-5	85-95	80-90	70-85	40-70	15-25	5-10
	5-14	Very Gravelly Loam	GC	A-2	0	0-5	50-75	35-55	30-55	20-45	30-40	10-20
	14-18	Very Gravelly Clay Loam Weathered Bedrock	SC ---	A-6 ---	---	---	---	---	---	---	---	---
740: Blackwell	0-11	Sandy Loam	ML SM	A-4	0	0	90-100	90-100	55-80	45-60	---	NP
	11-60	Stratified Gravelly Coarse Sand To Clay Loam	CL CL-ML SC SC-SM	A-4 A-6	0	0	80-100	75-100	55-80	45-65	25-35	5-15
Marla	0-19	Loamy Sand	SM SP-SM	A-1	0	0	90-100	75-100	35-50	5-25	0-14	NP
	19-44	Loamy Sand	SM	A-1	0	0	90-100	75-100	35-50	5-25	0-14	NP
	44-60	Loamy Coarse Sand	SP-SM									
		Stratified Gravelly Loamy Coarse Sand To Sandy	SM A-1 A-2 A-4	A-1 A-2 A-4	0	0	90-100	50-90	40-75	15-40	20-30	NP-5

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
740: Terric Cryosaprists	In											
	0-6	Peat	PT	A-8	0	0	---	---	---	---	---	---
	6-24	Stratified Muck To Silt	OH OL PT	A-5 A-8	0	0	100	100	100	75-85	45-65	NP-5
	24-30	Sandy Clay Loam Clay Loam	CL	A-6 A-7	0	0	100	90-100	75-85	50-65	35-45	15-25
	30-60	Gravelly Loamy Coarse	SM	A-1	0	0	80-90	60-75	35-45	15-20	---	NP
752: Toiyabe	0-8	Bouldery Coarse Sand	SM SP-SM	A-1	1-5	5-15	70-100	60-85	20-50	5-20	---	NP
	8-13	Loamy Coarse Sand Gravelly Coarse Sand	SM SP-SM	A-1	0-5	0-10	70-100	60-85	20-50	5-20	---	NP
	13-17	Coarse Sand Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Corbett	0-8	Bouldery Sand	SM SP-SM SW-SM	A-1	1-5	10-25	65-90	55-80	30-50	5-15	---	NP
	8-32	Gravelly Loamy Coarse Sand	SM SP-SM	A-1	0	0-10	70-95	55-90	30-50	5-20	---	NP
	32-36	Gravelly Loamy Sand Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
Wet Areas	---				---	---	---	---	---	---	---	---
753:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
753: Toiyabe	In											
	0-8	Bouldery Coarse Sand	SM SP-SM	A-1	1-5	5-15	70-100	60-85	20-50	5-20	---	NP
	8-13	Loamy Coarse Sand Gravelly Coarse Sand Coarse Sand	SM SP-SM	A-1	0-5	0-10	70-100	60-85	20-50	5-20	---	NP
	13-17	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Corbett	0-8	Bouldery Sand	SM SP-SM SW-SM	A-1	1-5	10-25	65-90	55-80	30-50	5-15	---	NP
	8-32	Sand Gravelly Loamy Sand Gravelly Loamy Coarse	SM SP-SM	A-1	0	0-10	70-95	55-90	30-50	5-20	---	NP
	32-36	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
Wet Areas	---				---	---	---	---	---	---	---	---
754: Toiyabe	0-9	Bouldery Coarse Sand	SM SP-SM	A-1	1-5	5-15	70-100	60-85	20-50	5-20	---	NP
	9-13	Loamy Coarse Sand Gravelly Coarse Sand Coarse Sand	SM SP-SM	A-1	0-5	0-10	70-100	60-85	20-50	5-20	---	NP
	13-17	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
Wet Areas	---				---	---	---	---	---	---	---	---
756:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
756: Toiyabe	0-7	Bouldery Coarse Sand	SM	A-1	1-5	5-15	70-100	60-85	20-50	5-20	---	NP
	7-15	Loamy Coarse Sand	SP-SM									
		Gravelly Coarse Sand	SM	A-1	0-5	0-10	70-100	60-85	20-50	5-20	---	NP
		Coarse Sand	SP-SM									
	15-19	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Corbett	0-9	Bouldery Sand	SM	A-1	1-5	10-25	65-90	55-80	30-50	5-15	---	NP
			SP-SM									
	9-32	Gravelly Loamy Coarse Sand	SW-SM									
			SM	A-1	0	0-10	70-95	55-90	30-50	5-20	---	NP
	32-36	Gravelly Loamy Sand	SP-SM									
		Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Haypress	0-15	Very Bouldery Loamy Coarse Sand	SM	A-1	10-25	5-10	80-95	65-80	35-50	10-25	0-14	NP
	15-46	Gravelly Loamy Coarse Sand	SM	A-1	0	5-10	60-85	50-75	25-50	5-15	0-14	NP
		Gravelly Coarse Sand	SP-SM									
		Weathered Bedrock	SW-SM									
	46-50		---	---	---	---	---	---	---	---	---	---
Wet Areas	---				---	---	---	---	---	---	---	---
772: Booford	0-7	Very Stony Sandy Loam	SM	A-4	5-15	20-25	90-100	80-100	70-80	35-50	---	NP
	7-25	Gravelly Clay	CH	A-7	0-5	0-15	65-100	60-100	50-100	40-95	55-65	30-40
		Clay	GC									
		Silty Clay										
	25-45	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

775:

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
775: Booford	In											
	0-8	Very Stony Loam	CL-ML	A-4	5-15	20-25	80-95	75-90	60-75	50-65	20-30	NP-10
	8-25	Clay Silty Clay Gravelly Clay	ML CH GC	A-7	0-5	0-15	65-100	60-100	50-100	40-95	55-65	30-40
	25-45	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
780: Bieber												
	0-6	Stony Sandy Loam	SC-SM	A-4	1-5	0-20	80-100	75-95	50-70	35-50	20-30	NP-10
	6-18	Clay Loam	SM									
		Clay	CH	A-7	0	0	80-100	75-95	70-90	60-85	45-60	20-35
	18-51	Indurated	CL									
	51-60	Stratified Cobbly Very Gravelly Sandy Loam	---	---	---	---	---	---	---	---	---	---
			GM	A-1	0	5-35	35-55	30-50	20-35	15-25	20-30	NP-5
782: Bieber												
	0-7	Stony Sandy Loam	SC-SM	A-4	1-5	0-20	80-100	75-95	50-70	35-50	20-30	NP-10
			SM									
	7-19	Clay	CH	A-7	0	0	80-100	75-95	70-90	60-85	45-60	20-35
		Clay Loam	CL									
	19-25	Indurated	---	---	---	---	---	---	---	---	---	---
	25-60	Stratified Cobbly Very Gravelly Sandy Loam	---	---	---	---	---	---	---	---	---	---
			GM	A-1	0	5-35	35-55	30-50	20-35	15-25	20-30	NP-5
800: Truckee												
	0-12	Silt Loam	ML	A-4	0	0	100	100	85-95	60-80	25-35	NP-10
	12-60	Stratified Sandy Loam To Silty Clay Loam	CL	A-4	0	0	100	100	85-95	60-75	25-35	5-15
			CL-ML	A-6								
Voltaire	---											
802:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
802: Truckee, strongly saline	In											
	0-12	Silt Loam	ML	A-4	0	0	100	100	85-95	60-80	25-35	NP-10
	12-60	Stratified Sandy Loam To Silty Clay Loam	CL CL-ML	A-4 A-6	0	0	100	100	85-95	60-75	25-35	5-15
Voltaire	---				---	---	---	---	---	---	---	---
805: Truckee, gravelly	0-12	Sandy Loam	ML SM	A-4	0	0	100	100	70-80	40-55	---	NP
	12-30	Stratified Sandy Loam To Silty Clay Loam	CL CL-ML	A-4 A-6	0	0-5	95-100	95-100	60-90	50-60	25-35	5-15
	30-60	Stratified Gravelly Sand To Very Gravelly Sandy Loam	GM GW-GM SM SW-SM	A-1	0	5-20	50-70	40-60	30-45	5-25	---	NP
806: Truckee, sandy substratum, strongly saline	0-12	Sandy Loam	ML SM	A-4	0	0	100	100	70-80	40-55	---	NP
	12-30	Stratified Sandy Loam To Silty Clay Loam	CL CL-ML	A-4 A-6	0	0	100	100	85-95	60-75	20-35	5-15
	30-60	Stratified Sand To Very Fine Sandy Loam	SM	A-2	0	0	100	100	60-85	10-20	---	NP
Other Soils	---				---	---	---	---	---	---	---	---
810: Rose Creek, drained	0-16	Fine Sandy Loam	ML SM	A-4	0	0-5	90-100	80-95	65-80	45-55	25-30	NP-5
	16-60	Stratified Gravelly Sand To Silt Loam	SM	A-2 A-4	0	0-5	85-100	70-95	50-70	30-40	20-25	NP-5

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
810: Other Soils	---				---	---	---	---	---	---	---	---
812: Rose Creek, drained	0-15	Loamy Fine Sand	SM	A-2	0	0-5	90-100	80-95	50-60	25-35	---	NP
	15-60	Stratified Gravelly Sand To Silt Loam	SM	A-2 A-4	0	0-5	85-100	70-95	50-70	30-40	20-25	NP-5
Other Soils	---				---	---	---	---	---	---	---	---
813: Rose Creek, drained	0-16	Gravelly Fine Sandy Loam	SM	A-2 A-4	0	0-5	80-90	70-80	50-65	30-40	20-25	NP-5
	16-60	Stratified Gravelly Sand To Silt Loam	SM	A-2 A-4	0	0-5	85-100	70-95	50-70	30-40	20-25	NP-5
Other Soils	---				---	---	---	---	---	---	---	---
820: Marla	0-19	Loamy Sand	SM	A-1	0	0	90-100	75-100	35-50	5-25	0-14	NP
	19-44	Loamy Coarse Sand	SP-SM									
		Loamy Sand	SM	A-1	0	0	90-100	75-100	35-50	5-25	0-14	NP
	44-60	Stratified Gravelly Loamy Coarse Sand To Sandy	SP-SM SM	A-1 A-2 A-4	0	0	90-100	50-90	40-75	15-40	20-30	NP-5
Blackwell	0-11	Sandy Loam	ML	A-4	0	0	90-100	90-100	55-80	45-60	---	NP
	11-60	Stratified Gravelly Coarse Sand To Clay Loam	SM CL CL-ML SC SC-SM	A-4 A-6	0	0	80-100	75-100	55-80	45-65	25-35	5-15

Distribution Generation Date:

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
820:	In											
821: Marla	0-18	Loamy Sand	SM SP-SM	A-1	0	0	90-100	75-100	35-50	5-25	0-14	NP
	18-44	Loamy Coarse Sand Loamy Sand	SM SP-SM	A-1	0	0	90-100	75-100	35-50	5-25	0-14	NP
	44-60	Stratified Gravelly Loamy Coarse Sand To Sandy	SM	A-1 A-2 A-4	0	0	90-100	50-90	40-75	15-40	20-30	NP-5
Blackwell	0-11	Sandy Loam	ML SM	A-4	0	0	90-100	90-100	55-80	45-60	---	NP
	11-60	Stratified Gravelly Coarse Sand To Clay Loam	CL CL-ML SC SC-SM	A-4 A-6	0	0	80-100	75-100	55-80	45-65	25-35	5-15
830: Fettic	0-1	Silty Clay Loam	CL	A-6	0	0	95-100	95-100	90-100	80-90	35-40	15-20
	1-21	Clay Loam Silty Clay Loam	CL	A-6 A-7	0	0	95-100	95-100	95-100	80-90	35-45	15-20
	21-60	Stratified Loamy Sand To Silty Clay	CL SC	A-6	0	0	100	100	65-100	45-70	25-40	10-20
Voltaire	---				---	---	---	---	---	---	---	---
831: Fettic	0-4	Loam	CL	A-6	0	0	95-100	95-100	75-95	75-80	30-40	10-20
	4-20	Clay Loam Silty Clay Loam	CL	A-6 A-7	0	0	95-100	95-100	95-100	80-90	35-45	15-20
	20-60	Stratified Loamy Sand To Silty Clay	CL SC	A-6	0	0	100	100	65-100	45-70	25-40	10-20

Distribution Generation Date:

Page 57 of 141

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
831:												
Voltaire	---				---	---	---	---	---	---	---	---
840:												
Temo	0-10	Bouldery Coarse Sand	SW-SM	A-1	1-5	5-15	85-100	50-70	20-45	5-10	---	NP
	10-16	Coarse Sand	SM	A-1	0	0-5	70-100	50-80	20-45	5-15	---	NP
		Gravelly Loamy Coarse	SP-SM									
		Gravelly Coarse Sand										
	16-20	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
Witefels	0-8	Gravelly Coarse Sand	SM	A-1	0	0-5	90-95	65-75	20-40	5-15	---	NP
			SW-SM									
	8-35	Gravelly Loamy Coarse	SM	A-1	0	0-5	85-95	55-75	20-35	10-20	---	NP
		Gravelly Coarse Sand										
	35-39	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Wet Areas	---				---	---	---	---	---	---	---	---
850:												
Washoe	0-8	Gravelly Sandy Loam	SM	A-1	0	0-10	70-80	60-70	35-50	15-25	---	NP
	8-38	Very Gravelly Sandy Loam	GC	A-2	0-5	5-20	55-80	50-70	40-55	20-50	25-35	10-20
		Very Gravelly Sandy Clay	SC	A-6								
		Loam										
	38-60	Stratified Gravelly Very	GM	A-1	0	10-50	50-70	40-60	20-40	5-20	---	NP
		Cobbly Loamy Coarse	GW-GM									
			SM									
			SW-SM									
861:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
861: Reywat	In											
	0-6	Extremely Stony Loam	GC GC-GM GM	A-4	35-55	15-45	55-75	50-70	40-65	35-50	25-35	5-10
	6-18	Very Gravelly Clay Loam Very Gravelly Loam Very Gravelly Sandy Clay Loam	GC	A-2 A-6 A-7	0-5	5-20	40-60	35-55	30-45	25-40	35-50	15-25
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
862: Reywat	0-6	Very Cobbly Sandy Loam	GC GC-GM GM	A-4	1-5	25-55	55-75	50-70	40-65	35-50	25-35	5-10
	6-18	Very Gravelly Clay Loam Very Gravelly Sandy Clay Loam Very Gravelly Loam	GC	A-2 A-6 A-7	0-5	5-20	40-60	35-55	30-45	25-40	35-50	15-25
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
863: Reywat	0-6	Extremely Stony Loam	GC GC-GM GM	A-4	35-55	15-45	55-75	50-70	40-65	35-50	25-35	5-10
	6-18	Very Gravelly Clay Loam Very Gravelly Loam Very Gravelly Sandy Clay Loam	GC	A-2 A-6 A-7	0-5	5-20	40-60	35-55	30-45	25-40	35-50	15-25
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
864:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
864: Reywat, cool	0-6	Extremely Stony Loam	GC	A-4	35-55	15-45	55-75	50-70	40-65	35-50	25-35	5-10
	6-12	Very Gravelly Loam Very Gravelly Sandy Clay Loam	GC-GM GM GC	A-2 A-6 A-7	0-5	5-20	40-60	35-55	30-45	25-40	35-50	15-25
	12-18	Very Gravelly Clay Loam Very Cobbly Loam Very Cobbly Sandy Clay Loam	CL SC	A-6 A-7	0-10	25-50	75-85	70-85	60-75	45-65	35-50	15-25
	18-22	Very Cobbly Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
870: Xman	0-3	Extremely Stony Sandy	SM	A-2	25-45	5-15	75-90	70-80	45-55	25-35	---	NP
	3-14	Gravelly Clay Clay	CH	A-7	0	0-10	80-100	70-100	70-95	70-85	50-60	30-40
	14-29	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
871: Xman	0-3	Very Stony Loam	SM	A-2 A-4	5-25	15-25	70-85	65-75	45-60	25-50	---	NP
	3-14	Clay Gravelly Clay	CH	A-7	0	0-10	80-100	70-100	70-95	70-85	50-60	30-40
	14-29	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

872:

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
872: Xman	In											
	0-3	Very Stony Sandy Loam	SM	A-2 A-4	5-25	15-25	70-85	65-75	45-60	25-50	---	NP
	3-14	Gravelly Clay Clay	CH	A-7	0	0-10	80-100	70-100	70-95	70-85	50-60	30-40
	14-29 29-33	Weathered Bedrock Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
873: Xman	0-4 4-14	Extremely Stony Sandy Gravelly Clay Clay	SM CH	A-2 A-7	25-45 0	5-15 0-10	75-90 80-100	70-80 70-100	45-55 70-95	25-35 70-85	---	NP 30-40
	14-29 29-33	Weathered Bedrock Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---											
875: Xman	0-2 2-14	Very Stony Loam Gravelly Clay Clay	SM CH	A-2 A-4 A-7	5-25 0	15-25 0-10	70-85 80-100	65-75 70-100	45-60 70-95	25-50 70-85	---	NP 30-40
	14-29 29-33	Weathered Bedrock Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Mizel	0-3 3-7	Very Gravelly Coarse Sandy Loam Unweathered Bedrock	GM	A-1	0	5-10	40-60	30-40	15-30	10-25	15-25	NP-5
			---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
875: Zephan	In											
	0-8	Very Stony Sandy Loam	SC SC-SM	A-2	5-25	0-5	65-80	55-65	35-45	15-25	20-30	5-10
	8-35	Very Cobbly Clay Very Cobbly Clay Loam Very Cobbly Sandy Clay	CH GC SC	A-7	0-5	30-40	65-80	60-70	50-70	40-65	50-60	25-35
	35-42	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	42-46	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
876: Xman	0-2	Very Stony Loam	SM	A-2 A-4	5-25	15-25	70-85	65-75	45-60	25-50	---	NP
	2-14	Clay Gravelly Clay	CH	A-7	0	0-10	80-100	70-100	70-95	70-85	50-60	30-40
	14-29	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Oppio	0-6	Very Stony Fine Sandy	SM	A-1 A-2	5-25	10-20	65-75	45-65	35-50	20-30	10-20	NP-5
	6-27	Gravelly Clay	GC GM	A-7	0	0-5	60-70	50-60	45-55	40-50	50-60	20-30
	27-31	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Old Camp	0-2	Extremely Stony Sandy	SM	A-1	25-50	5-10	60-70	55-65	35-45	15-25	15-25	NP-5
	2-14	Extremely Stony Sandy Clay Loam Very Cobbly Clay Loam Very Stony Clay Loam	GC	A-2 A-6	15-25	20-30	40-55	35-50	30-45	25-40	30-40	15-25
	14-18	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
877:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
877: Xman	In											
	0-2	Very Stony Loam	SM	A-2	5-25	15-25	70-85	65-75	45-60	25-50	---	NP
	2-14	Gravelly Clay	CH	A-4 A-7	0	0-10	80-100	70-100	70-95	70-85	50-60	30-40
	14-29	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Frodo	0-6	Very Stony Loam	CL	A-4	5-20	25-40	85-90	70-85	60-80	50-60	25-35	5-15
	6-18	Clay Loam	CL-ML	A-6	0	0-5	80-95	65-90	60-90	50-80	40-65	20-35
		Clay	CH	A-7								
		Gravelly Clay Loam	CL									
	18-23	Cemented	---	---	---	---	---	---	---	---	---	---
	23-30	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Mizel	0-3	Very Gravelly Coarse Sandy Loam	GM	A-1	0	5-10	40-60	30-40	15-30	10-25	15-25	NP-5
	3-7	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
880: Rock Outcrop	---				---	---	---	---	---	---	---	---
Zephan	0-8	Very Gravelly Sandy Loam	GC-GM	A-2	0	0-5	50-75	40-50	25-40	15-20	20-30	5-10
			SC									
	8-35	Very Cobbly Clay	SC-SM									
		Very Cobbly Sandy Clay	CH	A-7	0-5	30-40	65-80	60-70	50-70	40-65	50-60	25-35
		Very Cobbly Clay Loam	GC									
	35-42	Weathered Bedrock	SC									
	42-46	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
880: Smallcone	0-6	Very Gravelly Sandy Loam	GM GW-GM SM SW-SM	A-1	0	0-10	40-75	25-50	15-35	5-25	20-30	NP-5
	6-10	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
881: Zephan	0-8	Very Gravelly Sandy Loam	GC-GM SC SC-SM	A-2	0	0-5	50-75	40-50	25-40	15-20	20-30	5-10
	8-35	Very Cobbly Clay Very Cobbly Sandy Clay Very Cobbly Clay Loam	CH GC SC	A-7	0-5	30-40	65-80	60-70	50-70	40-65	50-60	25-35
	35-42	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	42-46	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
882: Zephan	0-8	Stony Sandy Loam	SC SC-SM	A-2	1-5	5-10	65-80	55-65	35-45	15-25	20-30	5-10
	8-35	Very Cobbly Sandy Clay Very Cobbly Clay Very Cobbly Clay Loam	CH GC SC	A-7	0-5	30-40	65-80	60-70	50-70	40-65	50-60	25-35
	35-42	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	42-46	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
890:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
890: Indiano, warm	In											
	0-14	Gravelly Loam	GC-GM GM SC-SM SM	A-4	0	0-5	60-80	60-75	50-70	35-50	20-30	NP-10
	14-29	Loam Sandy Clay Loam Gravelly Clay Loam	CL GC SC	A-2 A-6 A-7	0	0-15	65-95	60-85	50-85	30-70	30-45	15-25
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
891: Indiano, warm												
	0-14	Gravelly Loam	GC-GM GM SC-SM SM	A-4	0	0-5	60-80	60-75	50-70	35-50	20-30	NP-10
	14-29	Gravelly Clay Loam Loam Sandy Clay Loam	CL GC SC	A-2 A-6 A-7	0	0-15	65-95	60-85	50-85	30-70	30-45	15-25
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
892: Indiano, warm												
	0-13	Gravelly Loam	GC-GM GM SC-SM SM	A-4	0	0-5	60-80	60-75	50-70	35-50	20-30	NP-10
	13-33	Loam Gravelly Clay Loam Sandy Clay Loam	CL GC SC	A-2 A-6 A-7	0	0-15	65-95	60-85	50-85	30-70	30-45	15-25
	33-37	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
892: Koontz	In											
	0-6	Cobbly Loam	ML SM	A-4	0-2	15-30	80-90	70-80	45-60	40-55	20-30	NP-5
	6-18	Very Gravelly Clay Loam	GC	A-2	0-5	0-15	50-65	35-50	25-45	25-40	30-40	10-20
	18-22	Very Gravelly Loam Weathered Bedrock	---	A-6 ---	---	---	---	---	---	---	---	---
Flex	0-3	Very Gravelly Sandy Loam	GM SM	A-1	0	0-10	40-65	40-50	30-40	15-25	15-25	NP-5
	3-10	Very Gravelly Sandy Clay Loam	GC GC-GM	A-1 A-2	0	0-5	50-60	40-50	30-45	15-25	15-25	5-15
	10-14	Very Gravelly Sandy Loam Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
893: Indiano	0-13	Stony Fine Sandy Loam	CL-ML GC-GM GM	A-4	5-15	0-15	65-80	60-75	50-70	35-55	20-30	NP-10
	13-33	Sandy Clay Loam Gravelly Clay Loam	ML CL GC	A-2 A-6 A-7	0	0-15	65-95	60-85	50-85	30-70	30-45	15-25
	33-37	Loam Unweathered Bedrock	SC ---	---	---	---	---	---	---	---	---	---
Duco	0-5	Very Stony Sandy Loam	GC-GM SC SC-SM	A-2	5-25	5-30	55-80	50-75	35-60	15-35	20-30	5-10
	5-19	Extremely Stony Clay Loam Very Cobbly Sandy Clay Loam	GC	A-2	5-30	10-55	35-60	30-55	20-35	15-30	35-40	15-20
		Very Gravelly Clay Loam Very Cobbly Clay Loam										
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
893: Cagle	In											
	0-4	Very Stony Clay Loam	CL	A-6 A-7	5-25	5-30	85-95	80-90	75-85	55-65	35-45	15-25
	4-24	Gravelly Clay Gravelly Silty Clay Gravelly Clay Loam	CH CL GC	A-7	0	0-5	60-85	50-75	45-75	40-65	45-55	20-30
	24-28	Extremely Gravelly Clay Very Cobbly Clay Loam Very Gravelly Clay	GC	A-2	5-20	5-30	30-55	20-55	20-50	15-35	45-55	20-30
	28-32	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
894: Indiano	0-13	Stony Fine Sandy Loam	CL-ML GC-GM GM ML	A-4	5-15	0-15	65-80	60-75	50-70	35-55	20-30	NP-10
	13-33	Loam Sandy Clay Loam Gravelly Clay Loam	CL GC SC	A-2 A-6 A-7	0	0-15	65-95	60-85	50-85	30-70	30-45	15-25
	33-37	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Duco	0-5	Very Stony Sandy Loam	GC-GM SC SC-SM	A-2	5-25	5-30	55-80	50-75	35-60	15-35	20-30	5-10
	5-19	Very Cobbly Clay Loam Extremely Stony Clay Loam Very Gravelly Clay Loam Very Cobbly Sandy Clay Loam	GC	A-2	5-30	10-55	35-60	30-55	20-35	15-30	35-40	15-20
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Skedaddle	0-5	Very Stony Loam	GC SC	A-2 A-6	5-25	5-45	60-80	50-70	40-60	30-45	25-35	10-15
	5-9	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Distribution Generation Date:

Page 67 of 141

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
894:												
895: Indiano	0-13	Stony Fine Sandy Loam	CL-ML GC-GM GM ML	A-4	5-15	0-15	65-80	60-75	50-70	35-55	20-30	NP-10
	13-33	Sandy Clay Loam	CL	A-2	0	0-15	65-95	60-85	50-85	30-70	30-45	15-25
		Loam	GC	A-6								
		Gravelly Clay Loam	SC	A-7								
	33-37	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Zephan	0-8	Very Stony Sandy Loam	SC	A-2	5-25	0-5	65-80	55-65	35-45	15-25	20-30	5-10
			SC-SM									
	8-35	Very Cobbly Clay	CH	A-7	0-5	30-40	65-80	60-70	50-70	40-65	50-60	25-35
		Very Cobbly Sandy Clay	GC									
		Very Cobbly Clay Loam	SC									
	35-42	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	42-46	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Duco	0-7	Very Stony Sandy Loam	GC-GM SC	A-2	5-25	5-30	55-80	50-75	35-60	15-35	20-30	5-10
			SC-SM									
	7-15	Very Gravelly Clay Loam	GC	A-2	5-30	10-55	35-60	30-55	20-35	15-30	35-40	15-20
		Extremely Stony Clay Loam										
		Very Cobbly Sandy Clay										
		Loam										
		Very Cobbly Clay Loam										
	15-19	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
896:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
896: Indiano	0-13	Stony Sandy Loam	GC-GM GM SC-SM SM	A-4	5-15	0-5	60-80	60-75	50-70	35-50	20-30	NP-10
	13-33	Gravelly Clay Loam	CL	A-2	0	0-15	65-95	60-85	50-85	30-70	30-45	15-25
		Loam	GC	A-6								
	33-37	Sandy Clay Loam Unweathered Bedrock	SC ---	A-7 ---	---	---	---	---	---	---	---	---
Nosrac	0-6	Stony Fine Sandy Loam	SC SC-SM	A-2	1-5	5-20	60-70	55-65	45-55	15-25	20-25	5-10
	6-52	Very Gravelly Clay Loam	GC	A-2	0-10	5-25	45-55	40-50	30-45	25-35	35-40	15-20
		Very Gravelly Loam										
	52-60	Very Gravelly Loam Very Gravelly Fine Sandy Loam Very Gravelly Clay Loam	GC	A-2 A-6	0-10	10-25	35-55	30-50	25-45	20-40	30-35	10-15
Old Camp	0-8	Stony Sandy Loam	SM	A-1	1-5	5-15	60-70	55-65	35-45	15-25	15-25	NP-5
	8-17	Very Cobbly Clay Loam Very Stony Clay Loam Extremely Stony Sandy Clay Loam	GC	A-2 A-6	15-25	20-30	40-55	35-50	30-45	25-40	30-40	15-25
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
900: Flex	0-3	Very Gravelly Sandy Loam	GM SM	A-1	0	0-10	40-65	40-50	30-40	15-25	15-25	NP-5
	3-10	Very Gravelly Sandy Clay Loam	GC GC-GM	A-1 A-2	0	0-5	50-60	40-50	30-45	15-25	15-25	5-15
	10-14	Very Gravelly Sandy Loam Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Distribution Generation Date:

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
901: Flex	In											
	0-4	Very Gravelly Sandy Loam	GM SM	A-1	0	0-10	40-65	40-50	30-40	15-25	15-25	NP-5
	4-12	Very Gravelly Sandy Loam Very Gravelly Sandy Clay Loam	GC GC-GM	A-1 A-2	0	0-5	50-60	40-50	30-45	15-25	15-25	5-15
	12-16	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
903: Flex	0-3	Stony Sandy Loam	SM	A-2 A-4	1-5	0-5	75-100	60-85	45-60	25-45	15-25	NP-5
	3-10	Very Gravelly Sandy Clay Loam	GC GC-GM	A-1 A-2	0	0-5	50-60	40-50	30-45	15-25	15-25	5-15
	10-14	Very Gravelly Sandy Loam Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
910: Vamp, slightly saline-alkali	0-3	Fine Sandy Loam	ML SM	A-4	0	0	100	90-100	65-80	40-60	---	NP
	3-36	Stratified Fine Sandy Loam To Silt Loam	ML SM	A-4	0	0	90-100	90-100	70-90	45-65	20-30	NP-5
	36-42	Cemented	---	---	---	---	---	---	---	---	---	---
	42-60	Stratified Loamy Sand To Silt Loam	ML SM	A-4	0	0	90-100	85-100	60-80	35-60	---	NP
Voltaire	---				---	---	---	---	---	---	---	---
911: Vamp, strongly saline-alkali	0-3	Silt Loam	ML	A-4	0	0	100	90-100	75-90	60-75	---	NP
	3-36	Stratified Fine Sandy Loam To Silt Loam	ML SM	A-4	0	0	90-100	90-100	70-90	45-65	20-30	NP-5
	36-42	Cemented	---	---	---	---	---	---	---	---	---	---
	42-60	Stratified Loamy Sand To Silt Loam	ML SM	A-4	0	0	90-100	85-100	60-80	35-60	---	NP

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
911:	In											
Voltaire	---				---	---	---	---	---	---	---	---
930:												
Old Camp	0-7	Stony Sandy Loam	SM	A-1	1-5	5-15	60-70	55-65	35-45	15-25	15-25	NP-5
	7-17	Very Stony Clay Loam Extremely Stony Sandy Clay Loam	GC	A-2 A-6	15-25	20-30	40-55	35-50	30-45	25-40	30-40	15-25
	17-21	Very Cobbly Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
931:												
Old Camp	0-7	Extremely Stony Sandy	SM	A-1	25-50	5-10	60-70	55-65	35-45	15-25	15-25	NP-5
	7-17	Very Cobbly Clay Loam Extremely Stony Sandy Clay Loam	GC	A-2 A-6	15-25	20-30	40-55	35-50	30-45	25-40	30-40	15-25
	17-21	Very Stony Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Old Camp	0-8	Stony Sandy Loam	SM	A-1	1-5	5-15	60-70	55-65	35-45	15-25	15-25	NP-5
	8-17	Very Cobbly Clay Loam Extremely Stony Sandy Clay Loam	GC	A-2 A-6	15-25	20-30	40-55	35-50	30-45	25-40	30-40	15-25
	17-21	Very Stony Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
932:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
932: Old Camp	In											
	0-7	Stony Sandy Loam	SM	A-1	1-5	5-15	60-70	55-65	35-45	15-25	15-25	NP-5
	7-17	Very Stony Clay Loam Very Cobbly Clay Loam Extremely Stony Sandy Clay Loam	GC	A-2 A-6	15-25	20-30	40-55	35-50	30-45	25-40	30-40	15-25
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
933: Old Camp	0-3	Extremely Stony Loam	GC-GM GM	A-2 A-4	25-50	10-20	60-70	55-65	50-60	30-40	15-25	NP-10
	3-13	Very Stony Clay Loam Very Cobbly Clay Loam Extremely Stony Sandy Clay Loam	GC	A-2 A-6	15-25	20-30	40-55	35-50	30-45	25-40	30-40	15-25
	13-17	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Old Camp	0-3	Extremely Stony Loam	GC GC-GM SC-SM	A-2 A-4	25-35	10-20	60-70	55-65	45-55	30-40	15-25	5-10
	3-13	Very Cobbly Clay Loam Extremely Stony Sandy Clay Loam	GC	A-2 A-6	10-35	10-30	40-55	35-50	30-45	25-40	30-40	15-25
	13-17	Very Stony Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rubble Land	0-60	Fragmental Material	GW	A-1	30-65	30-65	0-10	0-5	0-5	0	0-14	NP
960:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
960: Kayo	0-11	Stony Sandy Loam	GM	A-1	1-5	5-10	50-60	40-55	25-40	10-20	---	NP
	11-22	Very Gravelly Sandy Loam	GC	A-1	0	5-10	45-60	30-50	10-35	5-20	20-25	5-10
		Very Gravelly Coarse Sandy Loam	GC-GM	A-2								
	22-60	Extremely Gravelly Sandy Loam	GP-GM	A-1	0	5-10	30-55	25-45	10-30	5-10	---	NP
		Very Gravelly Loamy Coarse Sand	GW-GM									
		Very Gravelly Sandy Loam										
961: Kayo	0-11	Stony Sandy Loam	GM	A-1	1-5	5-10	50-60	40-55	25-40	10-20	---	NP
	11-22	Very Gravelly Sandy Loam	GC	A-1	0	5-10	45-60	30-50	10-35	5-20	20-25	5-10
		Very Gravelly Coarse Sandy Loam	GC-GM	A-2								
	22-60	Extremely Gravelly Sandy Loam	GP-GM	A-1	0	5-10	30-55	25-45	10-30	5-10	---	NP
		Very Gravelly Loamy Coarse Sand	GW-GM									
		Very Gravelly Sandy Loam										
962: Kayo	0-10	Very Stony Sandy Loam	GM	A-1	5-20	0-5	50-70	45-60	25-40	15-25	---	NP
	10-25	Very Gravelly Coarse Sandy Loam	SM									
		Very Gravelly Sandy Loam	GC	A-1	0	5-10	45-60	30-50	10-35	5-20	20-25	5-10
	25-60	Very Gravelly Sandy Loam	GC-GM	A-2								
		Very Gravelly Sandy Loam	GW-GC									
		Extremely Gravelly Sandy Loam	GP-GM	A-1	0	5-10	30-55	25-45	10-30	5-10	---	NP
		Very Gravelly Loamy Coarse Sand	GW-GM									
963:												

Distribution Generation Date:

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
963: Kayo	In											
	0-11	Very Stony Sandy Loam	GM	A-1	5-20	0-5	50-70	45-60	25-40	15-25	---	NP
	11-22	Very Gravelly Coarse Sandy Loam	SM GC	A-1	0	5-10	45-60	30-50	10-35	5-20	20-25	5-10
	22-60	Very Gravelly Sandy Loam Very Gravelly Loamy Coarse Sand Very Gravelly Sandy Loam Extremely Gravelly Sandy Loam	GC-GM GW-GC GP-GM GW-GM	A-2 A-1	0	5-10	30-55	25-45	10-30	5-10	---	NP
971: Aladshi	0-7	Sandy Loam	SM	A-2	0	0-5	85-100	80-95	50-65	25-35	20-25	NP-5
	7-34	Sandy Clay Loam Sandy Loam Gravelly Loam	CL SC	A-6	0	0-5	80-95	70-90	55-75	45-60	25-35	10-20
	34-60	Stratified Extremely Gravelly Loamy Sand To Very Gravelly Loam	SM	A-1 A-2	0	5-10	60-75	35-50	25-40	15-30	20-25	NP-5
974: Aladshi	0-6	Gravelly Sandy Loam	SM	A-1 A-2	0	0-5	80-95	60-75	40-55	20-30	20-25	NP-5
	6-34	Gravelly Loam Sandy Clay Loam Sandy Loam	CL SC	A-6	0	0-5	80-95	70-90	55-75	45-60	25-35	10-20
	34-60	Stratified Extremely Gravelly Loamy Sand To Very Gravelly Loam	SM	A-1 A-2	0	5-10	60-75	35-50	25-40	15-30	20-25	NP-5

980:

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
980: Koontz	In											
	0-5	Gravelly Loam	ML SM	A-4	0	0-10	70-90	60-75	45-60	35-55	20-30	NP-5
	5-14	Very Gravelly Loam Very Gravelly Clay Loam	GC	A-2 A-6	0	0-15	50-65	35-50	30-45	25-40	30-40	10-20
	14-18	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
982: Koontz	0-6	Stony Loam	ML SM	A-4	1-5	5-15	80-90	70-80	45-60	40-55	20-30	NP-5
	6-18	Very Gravelly Loam Very Gravelly Clay Loam	GC	A-2 A-6	0-5	0-15	50-65	35-50	25-45	25-40	30-40	10-20
	18-22	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
983: Koontz	0-6	Stony Loam	ML SM	A-4	1-5	5-15	80-90	70-80	45-60	40-55	20-30	NP-5
	6-18	Very Gravelly Loam Very Gravelly Clay Loam	GC	A-2 A-6	0-5	0-15	50-65	35-50	25-45	25-40	30-40	10-20
	18-22	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Nosrac	0-6	Stony Fine Sandy Loam	SC SC-SM	A-2	1-5	5-20	60-70	55-65	45-55	15-25	20-25	5-10
	6-52	Very Gravelly Clay Loam Very Gravelly Loam	GC	A-2	0-10	5-25	45-55	40-50	30-45	25-35	35-40	15-20
	52-60	Very Gravelly Loam Very Gravelly Fine Sandy Loam	GC	A-2 A-6	0-10	10-25	35-55	30-50	25-45	20-40	30-35	10-15
		Very Gravelly Clay Loam										
984:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
984: Koontz	In											
	0-8	Extremely Stony Loam	GM	A-4	25-40	10-20	50-75	45-70	40-60	35-50	20-30	NP-5
	8-15	Very Gravelly Loam	GC	A-2	0-5	0-15	50-65	35-50	25-45	25-40	30-40	10-20
		Very Gravelly Clay Loam		A-6								
	15-19	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tristan	0-7	Very Stony Loam	GC	A-2	5-15	25-35	55-70	50-65	35-55	30-50	20-30	5-10
			GC-GM	A-4								
	7-28	Very Stony Loam	CL	A-2	5-15	25-35	40-80	35-70	30-60	25-55	25-40	10-20
		Very Cobbly Clay Loam	GC	A-6								
		Very Gravelly Clay Loam	SC									
	28-49	Extremely Cobbly Loam	GC	A-2	0-10	55-65	40-50	35-45	15-40	10-35	25-35	10-15
		Extremely Cobbly Sandy Clay Loam										
	49-53	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Devada	0-4	Very Stony Loam	CL	A-4	5-25	10-45	75-100	70-100	50-75	40-60	25-35	5-15
			CL-ML	A-6								
			SC									
			SC-SM									
	4-13	Clay	CH	A-7	0	0-5	65-100	55-100	50-90	35-70	50-65	25-35
		Gravelly Clay	GC									
	13-17	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
990: Rock Outcrop	---				---	---	---	---	---	---	---	---
991: Urban Land	0-60	Variable	GP	A-1	---	---	---	---	---	---	0-14	---
Xeric Torriorthents	0-60	Variable	GP	A-1	0-30	0-30	---	---	---	---	---	---
992:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
992: Playas	In											
	0-6	Silty Clay Loam	CH CL MH ML	A-7	0	0	100	100	100	90-100	40-55	15-25
	6-60	Silty Clay Silty Clay Loam Clay	CH CL MH	A-7	0	0	100	100	100	90-100	45-75	20-35
993: Endoaquolls	0-60	Variable	GP	A-1	---	---	---	---	---	---	---	---
994: Badland	0-2	Variable	CH CL MH	A-6 A-7	0	0-10	85-100	75-100	60-100	50-100	20-75	10-35
	2-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Chalco	0-3	Very Stony Clay Loam	CL	A-6	10-25	15-25	90-100	80-100	60-80	50-70	35-40	15-20
	3-15	Silty Clay Clay	CH	A-7	0	0-5	80-100	75-100	70-90	65-85	50-65	25-35
	15-19	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Verdico	0-2	Extremely Stony Sandy	SM	A-2	25-40	5-20	85-100	75-85	50-60	20-30	---	NP
	2-22	Clay	CH	A-7	0	0-5	85-95	85-95	75-95	65-90	50-65	30-45
	22-29	Gravelly Clay	CH	A-7	0	0-5	75-95	65-75	60-75	50-70	50-65	30-45
	29-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
996:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
996: Dune Land	0-6	Sand	SM SP SP-SM	A-2 A-3	0	0	100	100	50-70	0-15	0-14	NP
	6-60	Fine Sand Sand	SM SP SP-SM	A-2 A-3	0	0	100	100	50-80	0-25	0-14	NP
Playas	0-6	Silty Clay Loam	CH CL MH ML	A-7	0	0	100	100	100	90-100	40-55	15-25
	6-60	Clay Silty Clay Silty Clay Loam	CH CL MH	A-7	0	0	100	100	100	90-100	45-75	20-35
997: Badland	0-6	Variable	CH CL MH	A-7	0	0	100	100	100	90-100	45-75	20-35
	6-60	Silty Clay Silty Clay Loam Clay	CH CL MH	A-7	0	0	100	100	100	90-100	45-75	20-35
998: Beaches	0-6	Extremely Gravelly Sand	GP GW	A-1	0-1	0-30	10-30	10-25	0-10	0	0-14	NP
	6-60	Extremely Gravelly Coarse Sand Very Gravelly Coarse Sand Gravelly Coarse Sand	GP GP SP	A-1	0-1	0-30	10-80	10-75	0-40	0-5	0-14	NP

1010:

Distribution Generation Date:

Page 78 of 141

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1010: Gabica	In											
	0-9	Very Gravelly Sandy Loam	GM	A-1	0	5-10	40-55	25-50	20-45	15-35	15-25	NP-5
	9-14	Very Gravelly Silty Clay Extremely Cobbly Loam Very Gravelly Clay Loam	GC	A-2 A-6	5-30	10-20	45-60	25-50	25-50	20-40	25-35	10-20
	14-19	Extremely Cobbly Clay Very Gravelly Loam	GM	A-1 A-2	0-5	5-35	40-55	25-50	20-45	15-35	15-25	NP-5
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1011: Gabica												
	0-5	Very Cobbly Sandy Loam	GM	A-1	0	30-40	60-70	50-60	35-60	20-35	15-25	NP-5
	5-14	Very Gravelly Clay Loam Very Gravelly Silty Clay Very Gravelly Loam	SM GC	A-2 A-6	0-5	5-10	45-60	25-50	20-50	20-40	25-35	10-20
	14-19	Very Gravelly Loam Very Gravelly Clay Loam Very Gravelly Silty Clay	GC	A-2 A-6	0	5-10	40-55	25-50	20-50	20-45	25-35	10-20
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Easte												
	0-10	Very Gravelly Sandy Loam	GM	A-1	0-1	15-25	40-50	30-45	15-30	10-20	20-30	NP-5
	10-42	Extremely Gravelly Loam Very Gravelly Loam	GW-GM GM GP-GM GW-GM	A-1 A-2	0-1	10-25	25-45	15-40	10-25	5-15	25-35	NP-10
	42-46	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Burnborough												
	0-10	Stony Loam	CL	A-4	1-5	5-15	85-95	70-85	60-75	50-60	20-35	5-15
	10-60	Very Gravelly Loam Very Gravelly Clay Loam	CL-ML GC SC	A-6 A-2	0-5	15-25	55-65	35-60	20-35	15-30	25-40	10-20

1040:

Distribution Generation Date:

Page 79 of 141

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
1040: Orr Variant	In											
	0-18	Gravelly Sandy Loam	SM	A-1 A-2	0	0-5	65-90	55-75	35-55	15-30	---	NP
	18-39	Clay Loam Sandy Clay Loam	CL CL-ML SC SC-SM	A-4 A-6	0	0	90-100	90-100	80-100	35-65	25-40	5-20
	39-65	Silty Clay Loam Silt Loam	CL ML	A-4 A-6 A-7	0	0	95-100	95-100	90-100	70-95	30-45	5-20
1041: Orr Variant, thin surface	0-10	Coarse Sandy Loam	SM	A-1 A-2 A-4	0	0-5	90-100	85-100	45-70	20-40	---	NP
	10-31	Sandy Clay Loam Clay Loam	CL CL-ML SC SC-SM	A-4 A-6	0	0	90-100	90-100	80-100	35-65	25-40	5-20
	31-60	Silty Clay Loam Silt Loam	CL ML	A-4 A-6 A-7	0	0	95-100	95-100	90-100	70-95	30-45	5-20
1050: Waspo	0-7	Clay	CH	A-7	0	0-5	90-100	85-100	75-95	65-90	50-60	25-35
	7-24	Clay	CH	A-7	0	0-5	90-100	85-100	75-95	65-90	50-60	25-35
	24-35	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
1051: Waspo	0-7	Stony Clay	CH	A-7	1-5	5-10	90-100	85-100	75-95	65-90	50-60	25-35
	7-24	Clay	CH	A-7	0	0-5	90-100	85-100	75-95	65-90	50-60	25-35
	24-35	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1052: Waspo	In											
	0-9	Stony Clay	CH	A-7	1-5	5-10	90-100	85-100	75-95	65-90	50-60	25-35
	9-26	Clay	CH	A-7	0	0-5	90-100	85-100	75-95	65-90	50-60	25-35
	26-35	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
1054: Waspo	0-6	Gravelly Clay	CH	A-7	0	0-5	90-100	60-75	50-70	45-65	50-60	25-35
	6-23	Clay	SC									
	23-35	Weathered Bedrock	CH	A-7	0	0-5	90-100	85-100	75-95	65-90	50-60	25-35
			---	---	---	---	---	---	---	---	---	---
1060: Witefels	0-8	Coarse Sand	SM	A-1	0	0-5	95-100	85-95	20-40	5-20	---	NP
	8-35	Gravelly Coarse Sand	SP-SM									
		Gravelly Loamy Coarse	SM	A-1	0	0-5	85-95	55-75	20-35	10-20	---	NP
	35-39	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
Wet Areas	---				---	---	---	---	---	---	---	---
1062: Witefels	0-8	Coarse Sand	SM	A-1	0	0-5	95-100	85-95	20-40	5-20	---	NP
	8-35	Gravelly Loamy Coarse	SP-SM									
		Gravelly Coarse Sand	SM	A-1	0	0-5	85-95	55-75	20-35	10-20	---	NP
	35-39	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1062: Wet Areas	---				---	---	---	---	---	---	---	---
1080: Inville Variant	0-8	Gravelly Sandy Loam	SM	A-1	0	0-5	80-90	65-75	40-55	20-30	---	NP
	8-25	Very Gravelly Loam Very Gravelly Sandy Loam Very Gravelly Sandy Clay Loam	SC	A-2	0	5-10	75-85	40-50	30-45	10-25	25-35	10-15
	25-78	Gravelly Sandy Clay Loam Gravelly Clay Loam Gravelly Sandy Loam	SC	A-2 A-6	0	5-10	75-90	55-65	35-65	20-50	25-35	10-15
Blackwell	---				---	---	---	---	---	---	---	---
1090: Railcity	0-6	Very Bouldery Coarse Sand	SM	A-1	5-25	0-10	90-100	60-80	25-40	5-15	---	NP
	6-60	Stratified Extremely Gravelly Coarse Sand To Sandy	SW-SM SM SW-SM	A-1	0-10	0-15	80-90	30-45	25-35	5-15	---	NP
Blackwell	---				---	---	---	---	---	---	---	---
1091: Railcity	0-6	Very Bouldery Coarse Sand	SM	A-1	5-25	0-10	90-100	60-80	25-40	5-15	---	NP
	6-60	Stratified Extremely Gravelly Coarse Sand To Sandy	SW-SM SM SW-SM	A-1	0-10	0-15	80-90	30-45	25-35	5-15	---	NP
1100:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1100: Graylock	In											
	0-6	Bouldery Loamy Sand	SM	A-1	1-5	5-15	75-90	50-75	20-40	10-25	---	NP
	6-42	Very Gravelly Loamy Sand	SM	A-1	0	0-15	65-85	40-55	15-40	10-15	---	NP
		Very Gravelly Loamy Coarse Sand										
	42-56	Very Gravelly Sand	GM	A-1	0	5-15	40-80	20-65	10-40	5-20	---	NP
		Gravelly Coarse Sand	GP-GM									
		Extremely Gravelly Loamy Sand	SM SP-SM									
	56-60	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Temo	0-10	Bouldery Coarse Sand	SW-SM	A-1	1-5	5-15	85-100	50-70	20-45	5-10	---	NP
	10-16	Gravelly Loamy Coarse Coarse Sand	SM SP-SM	A-1	0	0-5	70-100	50-80	20-45	5-15	---	NP
		Gravelly Coarse Sand										
	16-20	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
1120: Apmat												
	0-10	Very Stony Coarse Sand	SM SP-SM	A-1	5-10	5-15	85-95	75-90	20-35	5-15	---	NP
	10-21	Very Gravelly Loamy Sand	SW-SM GM GP-GM GW-GM	A-1	0-5	0-10	50-60	40-50	20-30	5-15	---	NP
			SM									
	21-55	Extremely Cobbly Loam	SW-SM SC	A-2	15-50	15-40	70-80	50-60	20-30	10-20	20-30	5-10
		Very Stony Coarse Sandy Loam	SC-SM									
	55-60	Very Stony Sandy Loam										
		Extremely Bouldery Loamy Coarse Sand	SM SW-SM	A-1	30-40	30-40	65-75	40-50	20-30	5-15	---	NP

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
1120:	In											
1121: Apmat	0-10	Gravelly Sandy Loam	GM SM	A-2	0	0-10	60-80	50-75	35-60	25-35	---	NP
	10-21	Very Gravelly Loamy Sand	GM GP-GM GW-GM SM SW-SM	A-1	0-5	0-10	50-60	40-50	20-30	5-15	---	NP
	21-55	Very Stony Sandy Loam Extremely Cobbly Loam Very Stony Coarse Sandy Loam	SC SC-SM	A-2	15-50	15-40	70-80	50-60	20-30	10-20	20-30	5-10
	55-60	Extremely Bouldery Loamy Coarse Sand	SM SW-SM	A-1	30-40	30-40	65-75	40-50	20-30	5-15	---	NP
1130: Dithod	0-6	Sandy Loam	SM	A-2 A-4	0	0-5	80-100	80-100	55-70	25-40	20-25	NP-5
	6-15	Loam Silt Loam	CL CL-ML	A-4 A-6	0	0	100	100	85-100	60-85	25-35	5-15
	15-46	Stratified Sandy Loam To Clay Loam	CL CL-ML	A-4 A-6	0	0	100	100	80-90	60-75	25-35	5-15
	46-60	Loamy Sand Loamy Fine Sand	SM	A-2	0	0	90-100	85-100	50-70	15-30	---	NP
Voltaire	---				---	---	---	---	---	---	---	---
1141:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1141: Bedell	In											
	0-15	Loamy Sand	SM	A-1 A-2	0	0-5	95-100	80-95	40-65	15-30	---	NP
	15-54	Sandy Loam	SM	A-2	0	0-5	95-100	80-95	30-65	25-35	---	NP
	54-65	Loamy Coarse Sand Sand Sandy Loam	SM SW-SM	A-1 A-2 A-3	0	0-15	95-100	80-90	40-65	5-30	---	NP
1142: Bedell	0-15	Loamy Sand	SM	A-1 A-2	0	0-5	95-100	80-95	40-65	15-30	---	NP
	15-54	Sandy Loam	SM	A-2	0	0-5	95-100	80-95	30-65	25-35	---	NP
	54-65	Loamy Coarse Sand Sand Sandy Loam	SM SW-SM	A-1 A-2 A-3	0	0-15	95-100	80-90	40-65	5-30	---	NP
1143: Bedell	0-14	Loamy Sand	SM	A-1 A-2	0	0-5	95-100	80-95	40-65	15-30	---	NP
	14-50	Sandy Loam	SM	A-2	0	0-5	95-100	80-95	30-65	25-35	---	NP
	50-60	Sandy Loam Loamy Coarse Sand Sand	SM SW-SM	A-1 A-2 A-3	0	0-15	95-100	80-90	40-65	5-30	---	NP
1160: Jowec	0-2	Silty Clay Loam	CL	A-6	0	0	95-100	95-100	90-100	85-95	35-40	15-20
	2-20	Clay	CH	A-7	0	0	95-100	95-100	85-100	75-90	50-55	25-30
	20-38	Clay Loam	CL	A-7	0	0	95-100	95-100	80-95	65-80	40-50	20-25
	38-60	Stratified Sandy Loam To Loam	CL-ML SC SC-SM	A-4	0	0	95-100	90-100	65-85	40-60	25-30	5-10
1161:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1161: Jowec	In											
	0-2	Sandy Loam	SM	A-4	0	0	95-100	95-100	65-80	35-50	15-25	NP-5
	2-20	Clay	CH	A-7	0	0	95-100	95-100	85-100	75-90	50-55	25-30
	20-38	Clay Loam	CL	A-7	0	0	95-100	95-100	80-95	65-80	40-50	20-25
	38-60	Stratified Sandy Loam To Loam	CL-ML SC SC-SM	A-4	0	0	95-100	90-100	65-85	40-60	25-30	5-10
1170: Wedertz	0-6	Sandy Loam	SM	A-2	0	0-5	90-100	85-95	50-65	25-35	20-25	NP-5
	6-22	Sandy Clay Loam Clay Loam	CL SC	A-2 A-6	0	0-5	90-100	90-100	70-90	30-55	30-40	10-20
	22-34	Gravelly Sandy Loam Sandy Loam	SC SC-SM	A-2	0	0-5	75-100	70-95	45-70	15-35	25-30	5-10
	34-60	Gravelly Loamy Sand	SM	A-1	0	0-5	65-85	55-70	30-50	10-20	---	NP
1171: Wedertz	0-8	Sandy Loam	SM	A-2	0	0-5	90-100	85-95	50-65	25-35	20-25	NP-5
	8-31	Clay Loam Sandy Clay Loam	CL SC	A-2 A-6	0	0-5	90-100	90-100	70-90	30-55	30-40	10-20
	31-38	Sandy Loam Gravelly Sandy Loam	SC SC-SM	A-2	0	0-5	75-100	70-95	45-70	15-35	25-30	5-10
	38-60	Gravelly Loamy Sand	SM	A-1	0	0-5	65-85	55-70	30-50	10-20	---	NP
1172: Wedertz	0-7	Sand	SM SP-SM SW-SM	A-2 A-3	0	0-5	90-100	90-100	50-70	5-15	---	NP
	7-25	Clay Loam Sandy Clay Loam	CL SC	A-2 A-6	0	0-5	90-100	90-100	70-90	30-55	30-40	10-20
	25-31	Sandy Loam Gravelly Sandy Loam	SC SC-SM	A-2	0	0-5	75-100	70-95	45-70	15-35	25-30	5-10
	31-60	Gravelly Loamy Sand	SM	A-1	0	0-5	65-85	55-70	30-50	10-20	---	NP

Distribution Generation Date:

Page 86 of 141

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1172:	In											
1181: Haypress	0-15	Very Bouldery Loamy Coarse Sand	SM	A-1	10-25	5-10	80-95	65-80	35-50	10-25	0-14	NP
	15-46	Gravelly Coarse Sand Gravelly Loamy Coarse	SM SP-SM SW-SM	A-1	0	5-10	60-85	50-75	25-50	5-15	0-14	NP
	46-50	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tanob	0-17	Gravelly Loamy Coarse	SM	A-1	0	0-5	80-95	55-75	25-40	10-25	---	NP
	17-28	Sandy Loam Coarse Sandy Loam	SM	A-2 A-4	0	0-5	90-100	75-95	45-60	25-45	15-20	NP-5
	28-32	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
1182: Haypress	0-15	Extremely Bouldery Loamy Coarse Sand	SM	A-1	25-35	5-40	80-95	65-80	35-50	10-25	0-14	NP
	15-46	Gravelly Coarse Sand Gravelly Loamy Coarse	SM SP-SM SW-SM	A-1	0	5-10	60-85	50-75	25-50	5-15	0-14	NP
	46-50	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tanob	0-17	Gravelly Loamy Coarse	SM	A-1	0	0-5	80-95	55-75	25-40	10-25	---	NP
	17-28	Coarse Sandy Loam Sandy Loam	SM	A-2 A-4	0	0-5	90-100	75-95	45-60	25-45	15-20	NP-5
	28-32	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
1183:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1183: Haypress	In											
	0-14	Very Bouldery Loamy Coarse Sand	SM	A-1	10-25	5-10	80-95	65-80	35-50	10-25	0-14	NP
	14-49	Gravelly Coarse Sand Gravelly Loamy Coarse	SM SP-SM SW-SM	A-1	0	5-10	60-85	50-75	25-50	5-15	0-14	NP
	49-53	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
1190: Spasprey	0-2	Sandy Loam	SM	A-2 A-4	0	0-5	90-100	85-95	50-65	25-40	---	NP
	2-12	Loam Clay Loam Sandy Clay Loam	CL SC	A-6	0	0-5	95-100	90-100	70-95	45-70	30-40	10-20
	12-29	Sandy Loam Loamy Sand	SM	A-1 A-2	0	0-5	95-100	90-100	45-70	15-35	---	NP
	29-46	Cemented	---	---	---	---	---	---	---	---	---	---
	46-60	Loamy Sand Sandy Loam	SM	A-1 A-2	0	0-5	95-100	90-100	45-70	15-35	---	NP
1191: Spasprey	0-2	Sandy Loam	SM	A-2 A-4	0	0-5	90-100	85-95	50-65	25-40	---	NP
	2-12	Loam Clay Loam Sandy Clay Loam	CL SC	A-6	0	0-5	95-100	90-100	70-95	45-70	30-40	10-20
	12-29	Loamy Sand Sandy Loam	SM	A-1 A-2	0	0-5	95-100	90-100	45-70	15-35	---	NP
	29-46	Cemented	---	---	---	---	---	---	---	---	---	---
	46-60	Loamy Sand Sandy Loam	SM	A-1 A-2	0	0-5	95-100	90-100	45-70	15-35	---	NP

Distribution Generation Date:

Page 88 of 141

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
1192: Spasprey	0-6	Sand	SM SW-SM	A-1 A-2 A-3	0	0-5	90-100	85-95	40-65	5-25	---	NP
	6-14	Loam Clay Loam Sandy Clay Loam	CL SC	A-6	0	0-5	95-100	90-100	70-95	45-70	30-40	10-20
	14-30	Sandy Loam Loamy Sand	SM	A-1 A-2	0	0-5	95-100	90-100	45-70	15-35	---	NP
	30-47	Cemented	---	---	---	---	---	---	---	---	---	---
	47-60	Loamy Sand Sandy Loam	SM	A-1 A-2	0	0-5	95-100	90-100	45-70	15-35	---	NP
1193: Spasprey	0-2	Sandy Loam	SM	A-2 A-4	0	0-5	90-100	85-95	50-65	25-40	---	NP
	2-12	Clay Loam Loam Sandy Clay Loam	CL SC	A-6	0	0-5	95-100	90-100	70-95	45-70	30-40	10-20
	12-29	Loamy Sand Sandy Loam	SM	A-1 A-2	0	0-5	95-100	90-100	45-70	15-35	---	NP
	29-46	Cemented	---	---	---	---	---	---	---	---	---	---
	46-60	Loamy Sand Sandy Loam	SM	A-1 A-2	0	0-5	95-100	90-100	45-70	15-35	---	NP
1194:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
1194: Spasprey	In											
	0-3	Stony Sandy Loam	CL-ML ML SC-SM	A-4	0	0-5	85-95	80-90	50-75	45-60	20-30	NP-10
	3-14	Clay Loam Loam	CL CL SC	A-6	0	0-5	95-100	90-100	70-95	45-70	30-40	10-20
	14-23	Sandy Clay Loam Sandy Loam	SM	A-1 A-2	0	0-5	95-100	90-100	45-70	15-35	---	NP
	23-40 40-60	Cemented Loamy Sand Sandy Loam	--- SM	--- A-1 A-2	--- 0	--- 0-5	--- 95-100	--- 90-100	--- 45-70	--- 15-35	--- ---	--- NP
1200: Mellor	0-11	Silt Loam	CL-ML ML	A-4	0	0	100	100	85-100	75-90	15-25	NP-10
	11-26	Silty Clay Loam Clay Loam	CL	A-6	0	0	100	100	95-100	80-95	25-40	10-20
	26-60	Silt Loam Silty Clay Loam Clay Loam	CL	A-6	0	0	100	100	95-100	80-95	30-40	10-15
1210: Linhart	0-14	Stony Coarse Sand	SM SP SP-SM	A-1	1-5	0-5	80-90	40-50	25-35	0-15	---	NP
	14-60	Stratified Gravelly Coarse Sand To Very Gravelly Loamy Coarse Sand	SM SP SP-SM	A-1	0	0-5	75-90	20-50	10-35	0-15	---	NP
1211:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
1211: Linhart	0-14	Stony Coarse Sand	SM SP	A-1	1-5	0-5	80-90	40-50	25-35	0-15	---	NP
	14-60	Stratified Gravelly Coarse Sand To Very Gravelly Loamy Coarse Sand	SP-SM SM SP SP-SM	A-1	0	0-5	75-90	20-50	10-35	0-15	---	NP
1220: Calpine	0-21	Coarse Sandy Loam	SM	A-2	0	0-5	95-100	75-100	50-70	20-35	15-25	NP-5
	21-46	Sandy Loam	SM	A-2	0	0-5	100	75-100	50-70	20-40	15-25	NP-5
		Coarse Sandy Loam		A-4								
	46-81	Stratified Coarse Sand To Loamy Fine Sand	SM SP-SM	A-1 A-2	0	0-5	100	75-100	40-70	10-25	0-14	NP
1240: Pizene	0-6	Sandy Loam	SM	A-2 A-4	0	0	100	75-100	60-70	30-40	15-20	NP-5
	6-21	Sandy Loam	SC	A-6	0	0	100	100	70-85	35-50	30-40	10-20
		Sandy Clay Loam										
	21-60	Sandy Loam	ML	A-4	0	0	100	100	70-85	35-55	15-20	NP-5
		Fine Sandy Loam	SM									
1250:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1250: Rednik	In											
	0-6	Very Gravelly Sandy Loam	GM	A-1	0	0-5	45-55	35-50	25-40	15-25	---	NP
	6-20	Extremely Gravelly Loam	GC	A-2	0-10	5-30	35-60	30-50	20-35	15-30	25-35	10-15
		Very Gravelly Sandy Clay Loam										
	20-45	Very Gravelly Sandy Loam	GM	A-1	0-10	5-30	35-60	30-50	15-40	10-25	---	NP
		Extremely Gravelly Sandy Loam										
		Very Gravelly Fine Sandy Loam										
	45-65	Very Gravelly Sandy Loam	GM	A-1	0-10	5-30	30-60	25-60	15-30	0-15	---	NP
		Extremely Gravelly Loamy Coarse Sand	GP-GM									
		Very Gravelly Sand	GW									
		Extremely Gravelly Loamy Sand	GW-GM									
			SW-SM									
1251: Rednik	0-6	Very Stony Sandy Loam	GM	A-1	10-25	10-25	45-65	40-60	30-45	15-30	---	NP
				A-2								
	6-20	Extremely Gravelly Loam	GC	A-2	0-10	5-30	35-60	30-50	20-35	15-30	25-35	10-15
		Very Gravelly Sandy Clay Loam										
	20-45	Very Gravelly Sandy Loam	GM	A-1	0-10	5-30	35-60	30-50	15-40	10-25	---	NP
		Very Gravelly Sandy Loam										
		Very Gravelly Fine Sandy Loam										
		Extremely Gravelly Sandy Loam										
	45-65	Extremely Gravelly Loamy Coarse Sand	GM	A-1	0-10	5-30	30-60	25-60	15-30	0-15	---	NP
		Very Gravelly Sand	GP-GM									
		Extremely Gravelly Loamy Sand	GW									
			GW-GM									
			SW-SM									

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1261: Thulepah	0-16	Very Stony Loam	SM	A-4	5-20	0-5	80-90	65-75	60-70	40-50	15-25	NP-5
	16-42	Gravelly Clay Loam	CL	A-6	0-5	5-10	75-85	60-80	50-65	45-55	35-45	15-20
		Clay Loam	SC	A-7								
	42-60	Silty Clay Loam	CL	A-6	0	5-10	70-95	65-90	65-85	55-75	35-45	15-25
		Gravelly Clay Loam		A-7								
		Clay Loam										
Hutchley	0-6	Very Cobbly Sandy Loam	SM	A-1	0	30-40	60-70	50-70	35-60	20-35	15-25	NP-5
				A-2								
	6-14	Very Cobbly Clay Loam	GC	A-2	0-5	10-40	45-70	35-55	15-55	10-40	30-40	10-15
		Very Gravelly Clay Loam	SC	A-6								
		Extremely Gravelly Loam										
	14-24	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1270: Indiano	0-13	Gravelly Loam	GC-GM	A-4	0	0-5	60-80	60-75	50-70	35-50	20-30	NP-10
			GM									
			SC-SM									
			SM									
	13-33	Gravelly Clay Loam	CL	A-2	0	0-15	65-95	60-85	50-85	30-70	30-45	15-25
		Loam	GC	A-6								
		Sandy Clay Loam	SC	A-7								
	33-37	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tristan	0-7	Very Stony Loam	GC	A-2	5-15	25-35	55-70	50-65	35-55	30-50	20-30	5-10
			GC-GM	A-4								
	7-28	Very Stony Loam	CL	A-2	5-15	25-35	40-80	35-70	30-60	25-55	25-40	10-20
		Very Cobbly Clay Loam	GC	A-6								
		Very Gravelly Clay Loam	SC									
	28-49	Extremely Cobbly Loam	GC	A-2	0-10	55-65	40-50	35-45	15-40	10-35	25-35	10-15
		Extremely Cobbly Sandy Clay Loam										
	49-53	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1270:												
Lemm	0-19	Very Stony Sandy Loam	SM	A-2	5-25	0-10	75-95	50-75	40-60	25-35	---	NP
	19-40	Very Gravelly Coarse Sandy Loam	SC SC-SM	A-1 A-2	0	0-5	70-90	35-50	20-30	15-25	20-35	5-15
	40-60	Very Gravelly Sandy Loam Very Gravelly Loamy Coarse Sand Gravelly Loamy Coarse	SM	A-1	0	0-5	70-90	35-70	25-35	10-25	---	NP
1271:												
Barshaad	0-1	Very Stony Loam	CL CL-ML SC-SM	A-4	5-10	10-20	80-90	80-85	60-80	45-65	20-30	5-10
	1-24	Gravelly Clay	CH	A-7	0-5	0-5	60-80	60-75	55-70	50-65	50-65	25-35
	24-28	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tristan	0-7	Very Stony Loam	GC GC-GM	A-2 A-4	5-15	25-35	55-70	50-65	35-55	30-50	20-30	5-10
	7-28	Very Cobbly Clay Loam Very Gravelly Clay Loam Very Stony Loam	CL GC SC	A-2 A-6	5-15	25-35	40-80	35-70	30-60	25-55	25-40	10-20
	28-49	Extremely Cobbly Loam Extremely Cobbly Sandy Clay Loam	GC	A-2	0-10	55-65	40-50	35-45	15-40	10-35	25-35	10-15
	49-53	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1271: Arzo	In											
	0-2	Very Stony Loam	CL SC	A-6	10-15	10-15	80-85	60-70	50-70	35-60	30-35	10-15
	2-27	Gravelly Clay Clay Clay Loam	CH CL	A-7	0	0-10	90-100	75-100	65-90	50-80	40-55	20-30
	27-35	Gravelly Loam	GC GC-GM SC SC-SM	A-2 A-4 A-6	0	0-10	60-80	55-75	35-60	30-50	25-35	5-15
	35-39	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
1272: Tristan	0-7	Very Stony Loam	GC GC-GM	A-2 A-4	5-15	25-35	55-70	50-65	35-55	30-50	20-30	5-10
	7-28	Very Gravelly Clay Loam Very Stony Loam Very Cobbly Clay Loam	CL GC SC	A-2 A-6	5-15	25-35	40-80	35-70	30-60	25-55	25-40	10-20
	28-49	Extremely Cobbly Loam Extremely Cobbly Sandy Clay Loam	GC	A-2	0-10	55-65	40-50	35-45	15-40	10-35	25-35	10-15
	49-53	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Arzo	0-2	Very Stony Loam	CL SC	A-6	10-15	10-15	80-85	60-70	50-70	35-60	30-35	10-15
	2-27	Clay Clay Loam Gravelly Clay	CH CL	A-7	0	0-10	90-100	75-100	65-90	50-80	40-55	20-30
	27-35	Gravelly Loam	GC GC-GM SC SC-SM	A-2 A-4 A-6	0	0-10	60-80	55-75	35-60	30-50	25-35	5-15
	35-39	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
1272: Reywat	In											
	0-6	Extremely Stony Loam	GC GC-GM GM	A-4	35-55	15-45	55-75	50-70	40-65	35-50	25-35	5-10
	6-12	Very Gravelly Sandy Clay Loam Very Gravelly Clay Loam Very Gravelly Loam	GC	A-2 A-6 A-7	0-5	5-20	40-60	35-55	30-45	25-40	35-50	15-25
	12-18	Very Cobbly Sandy Clay Loam Very Cobbly Clay Loam Very Cobbly Loam	CL SC	A-6 A-7	0-10	25-50	75-85	70-85	60-75	45-65	35-50	15-25
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1273: Barshaad	0-1	Very Stony Loam	CL CL-ML SC-SM	A-4	5-10	10-20	80-90	80-85	60-80	45-65	20-30	5-10
	1-24	Gravelly Clay	CH	A-7	0-5	0-5	60-80	60-75	55-70	50-65	50-65	25-35
	24-28	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tristan	0-7	Very Stony Loam	GC GC-GM	A-2 A-4	5-15	25-35	55-70	50-65	35-55	30-50	20-30	5-10
	7-28	Very Cobbly Clay Loam Very Gravelly Clay Loam Very Stony Loam	CL GC SC	A-2 A-6	5-15	25-35	40-80	35-70	30-60	25-55	25-40	10-20
	28-49	Extremely Cobbly Sandy Clay Loam Extremely Cobbly Loam	GC	A-2	0-10	55-65	40-50	35-45	15-40	10-35	25-35	10-15
	49-53	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1273: Frodo	In											
	0-6	Very Stony Loam	CL	A-4	5-20	25-40	85-90	70-85	60-80	50-60	25-35	5-15
	6-18	Clay	CL-ML	A-6								
		Gravelly Clay Loam	CH	A-7	0	0-5	80-95	65-90	60-90	50-80	40-65	20-35
		Clay Loam	CL									
	18-23	Cemented	---	---	---	---	---	---	---	---	---	---
	23-30	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1290: Parran, rarely flooded	0-5	Silty Clay Loam	CL	A-7	0	0	100	100	95-100	85-95	40-45	15-20
	5-60	Silty Clay Clay	CH CL	A-7	0	0	100	100	95-100	75-95	45-60	20-30
Other Soils	---				---	---	---	---	---	---	---	---
1300: Rose Creek Variant	0-5	Sandy Loam	ML	A-4	0	0	80-100	80-100	55-75	40-60	20-25	NP-5
			SM									
	5-12	Very Fine Sandy Loam	CL-ML	A-4	0	0	85-100	85-100	75-95	35-55	20-30	5-10
			SC									
			SC-SM									
	12-60	Stratified Gravelly Loamy Sand To Loam	CL-ML	A-4	0	0	70-100	70-100	60-90	40-60	20-30	5-10
			SC									
			SC-SM									
1301:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1301: Rose Creek Variant	In											
	0-5	Loamy Fine Sand	SM	A-2 A-4	0	0	90-100	90-100	80-95	25-40	---	NP
	5-12	Very Fine Sandy Loam	CL-ML SC SC-SM	A-4	0	0	85-100	85-100	75-95	35-55	20-30	5-10
	12-60	Stratified Gravelly Loamy Sand To Loam	CL-ML SC SC-SM	A-4	0	0	70-100	70-100	60-90	40-60	20-30	5-10
1310: Bango	0-4	Gravelly Sandy Loam	SM	A-1 A-2	0	0-5	75-85	70-80	40-60	20-35	---	NP
	4-8	Loam Clay Loam	CL	A-6	0	0-5	90-100	90-100	75-90	55-75	30-35	10-15
	8-60	Stratified Gravelly Fine Sandy Loam To Silty Clay Loam	CL	A-6	0	0-5	85-95	85-95	70-90	55-75	25-35	10-15
1320: Osobb	0-4	Extremely Stony Fine Sandy Loam	GC-GM GM	A-1 A-2	25-45	25-45	35-55	30-50	20-40	5-25	20-30	NP-10
	4-17	Very Cobbly Loam Very Cobbly Fine Sandy Loam Extremely Cobbly Very Fine Sandy Loam	GW-GM GC-GM GM GW-GM	A-1 A-2	5-15	30-50	25-60	20-50	15-35	5-20	20-30	NP-10
	17-18 18-22	Indurated Unweathered Bedrock	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1320: Fireball	In											
	0-3	Extremely Stony Fine Sandy Loam	SC SC-SM	A-2 A-4	25-40	10-15	80-90	70-80	50-70	30-45	20-25	5-10
	3-24	Very Cobbly Loam Very Gravelly Loam Very Gravelly Clay Loam	GC	A-2 A-6	0-5	25-40	60-70	50-60	40-60	30-50	25-40	10-20
	24-47	Very Cobbly Loam Very Gravelly Silt Loam Extremely Cobbly Loam	GC GC-GM	A-2 A-4	0-15	25-60	60-70	40-50	35-50	25-40	20-25	5-10
	47-51	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rezave	0-4	Extremely Stony Very Fine Sandy Loam	SM	A-4	25-45	0-10	90-100	85-95	60-80	35-50	20-25	NP-5
	4-13	Stony Clay Clay Clay Loam	CH CL	A-7	0-15	0-20	90-100	90-100	80-100	65-95	40-60	15-35
	13-19	Gravelly Clay Loam Very Gravelly Clay	CL SC	A-7	0	0-10	80-90	50-70	45-65	35-60	40-50	15-25
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1330: Sutcliff	0-5	Very Stony Loam	GC SC	A-2 A-6	5-25	25-35	60-70	40-60	35-55	25-50	25-35	10-15
	5-25	Very Stony Clay Loam Very Cobbly Clay Loam	CL	A-6	5-25	25-35	85-95	75-85	60-85	50-70	35-40	15-20
	25-42	Very Cobbly Loam	SC	A-6	0-5	35-40	70-80	55-65	45-60	35-50	25-35	10-15
	42-53	Cemented	---	---	---	---	---	---	---	---	---	---
Kleinbush	0-5	Very Cobbly Loamy Sand	SM	A-2	0-5	50-60	85-95	80-90	50-70	10-25	---	NP
	5-38	Clay Clay Loam	CH CL	A-7	0	0	90-100	90-100	80-100	65-95	40-65	20-35
	38-60	Cobbly Sandy Clay Loam Very Gravelly Sandy Loam Cobbly Sandy Loam	SC SC-SM	A-2 A-4 A-6	0	10-15	90-100	55-80	35-65	15-40	25-40	5-15

Distribution Generation Date:

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1330:												
Washoe	0-11	Extremely Stony Fine Sandy Loam	SM	A-1 A-2	25-50	5-20	75-85	50-60	40-55	15-30	---	NP
	11-42	Very Gravelly Sandy Clay Loam	GC	A-2 A-6	0-5	5-20	55-70	45-55	40-50	20-40	25-35	10-15
	42-60	Very Gravelly Sandy Loam Stratified Gravelly Very Cobbly Loamy Coarse	GM GW-GM SM SW-SM	A-1	0-10	10-40	50-80	50-75	20-40	5-20	---	NP
1331:												
Bundorf	0-2	Very Stony Loam	GC GC-GM	A-2	10-15	10-15	50-60	40-55	30-40	25-35	20-35	5-15
	2-10	Clay Loam Clay	CH CL	A-7	0	0	90-100	90-100	85-95	65-85	45-60	20-35
	10-19	Very Gravelly Clay Loam Very Gravelly Clay	GC	A-2	0-5	10-30	50-60	35-45	30-40	25-35	45-60	20-35
	19-27	Indurated	---	---	---	---	---	---	---	---	---	---
Sutcliff	0-5	Very Stony Loam	GC SC	A-2 A-6	5-25	25-35	60-70	40-60	35-55	25-50	25-35	10-15
	5-25	Very Cobbly Clay Loam Very Stony Clay Loam	CL	A-6	5-25	25-35	85-95	75-85	60-85	50-70	35-40	15-20
	25-42	Very Cobbly Loam	SC	A-6	0-5	35-40	70-80	55-65	45-60	35-50	25-35	10-15
	42-53	Cemented	---	---	---	---	---	---	---	---	---	---
Kleinbush	0-5	Very Cobbly Loamy Sand	SM	A-2	0-5	50-60	85-95	80-90	50-70	10-25	---	NP
	5-38	Clay Loam Clay	CH CL	A-7	0	0	90-100	90-100	80-100	65-95	40-65	20-35
	38-60	Cobbly Sandy Clay Loam Very Gravelly Sandy Loam Cobbly Sandy Loam	SC SC-SM	A-2 A-4 A-6	0	10-15	90-100	55-80	35-65	15-40	25-40	5-15

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1331:	In											
1340: Hawsley	0-8	Sand	SM SW-SM	A-2 A-3	0	0	100	90-100	75-90	5-20	---	NP
	8-42	Stratified Coarse Sand To Fine Sand	SM SW-SM	A-2 A-3	0	0	85-100	75-100	55-70	5-25	---	NP
	42-60	Sand	SM SW-SM	A-2 A-3	0	0	100	100	75-90	5-25	---	NP
Ruhe	0-6	Gravelly Loamy Sand	SM SW-SM	A-1	0	0-10	75-90	50-75	30-50	5-25	---	NP
	6-14	Gravelly Loamy Sand Gravelly Sand Loamy Sand	SM SW-SM	A-1	0	0-10	75-90	50-85	30-50	5-25	---	NP
	14-35 35-60	Weathered Bedrock Stratified Extremely Cobbly Coarse Sand To Sand	--- GW SP	--- A-1	--- 0	--- 5-50	--- 40-65	--- 30-60	--- 10-35	--- 0-5	--- ---	--- NP
Bluewing	0-7 7-60	Very Stony Loamy Sand Stratified Extremely Gravelly Sand To Extremely Gravelly Loamy Coarse	GW-GM GW-GM	A-1 A-1	5-20 0-5	15-20 5-20	30-40 30-40	25-35 25-35	15-25 15-25	5-10 5-10	--- ---	NP NP
1341: Isolde	0-6	Fine Sand	SP SP-SM SW-SM	A-3	0	0	100	100	75-90	0-10	---	NP
	6-60	Fine Sand Sand	SP SP-SM SW-SM	A-3	0	0	100	100	50-80	0-10	---	NP

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1341: Dune Land	0-6	Fine Sand	SM SP SP-SM	A-2 A-3	0	0	100	100	60-80	0-25	0-14	NP
	6-60	Fine Sand Sand	SM SP SP-SM	A-2 A-3	0	0	100	100	50-80	0-25	0-14	NP
Playas	0-6	Silty Clay Loam	CH CL MH	A-7	0	0	100	100	100	90-100	40-55	15-25
	6-60	Clay Silty Clay Silty Clay Loam	CH CL MH	A-7	0	0	100	100	100	90-100	45-75	20-35
1342: Isolde	0-6	Fine Sand	SP SP-SM SW-SM	A-3	0	0	100	100	75-90	0-10	---	NP
	6-60	Fine Sand Sand	SP SP-SM SW-SM	A-3	0	0	100	100	50-80	0-10	---	NP
Playas	0-6	Silty Clay Loam	CH CL MH ML	A-7	0	0	100	100	100	90-100	40-55	15-25
	6-60	Silty Clay Silty Clay Loam Clay	CH CL MH	A-7	0	0	100	100	100	90-100	45-75	20-35
1344:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1344: Isolde	0-6	Fine Sand	SP SP-SM SW-SM	A-3	0	0	100	100	75-90	0-10	---	NP
	6-60	Fine Sand Sand	SP SP-SM SW-SM	A-3	0	0	100	100	50-80	0-10	---	NP
Toulon	0-6	Very Gravelly Loam	GM SM	A-1 A-2	0	0-10	55-70	40-50	30-45	20-35	---	NP
	6-13	Very Gravelly Loam Very Gravelly Sandy Loam Very Gravelly Coarse Sandy Loam	GM	A-1 A-2	0	0-5	40-60	25-40	15-35	10-30	---	NP
	13-60	Stratified Gravelly Extremely Cobbly Coarse Sand	GP GP-GM	A-1	0-5	25-50	40-50	25-40	5-20	0-10	---	NP
Playas	0-6	Silty Clay Loam	CH CL MH	A-7	0	0	100	100	100	90-100	40-55	15-25
	6-60	Silty Clay Loam Clay Silty Clay	CH CL MH	A-7	0	0	100	100	100	90-100	45-75	20-35
1345: Hawsley	0-8	Sand	SM SW-SM	A-2 A-3	0	0	100	90-100	75-90	5-20	---	NP
	8-42	Stratified Coarse Sand To Fine Sand	SM SW-SM	A-2 A-3	0	0	85-100	75-100	55-70	5-25	---	NP
	42-60	Sand	SM SW-SM	A-2 A-3	0	0	100	100	75-90	5-25	---	NP
1346:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1346: Isolde	In											
	0-4	Fine Sand	SP SP-SM SW-SM	A-3	0	0	100	100	75-90	0-10	---	NP
	4-60	Fine Sand Sand	SP SP-SM SW-SM	A-3	0	0	100	100	50-80	0-10	---	NP
Typic Torriorthents	0-5	Extremely Gravelly Sandy Loam	GM GW-GM	A-1	0	0-10	25-30	20-25	15-20	5-20	---	NP
	5-60	Variable	GP	A-1	---	---	---	---	---	---	---	---
Dune Land	0-6	Fine Sand	SM SP SP-SM	A-2 A-3	0	0	100	100	60-80	0-25	0-14	NP
	6-60	Fine Sand Sand	SM SP SP-SM	A-2 A-3	0	0	100	100	50-80	0-25	0-14	NP
Playas	---				---	---	---	---	---	---	---	---
1347: Hawsley	0-5	Sand	SM SW-SM	A-2 A-3	0	0	100	90-100	75-90	5-20	---	NP
	5-60	Stratified Coarse Sand To Fine Sand	SM SW-SM	A-2 A-3	0	0	85-100	75-100	55-70	5-25	---	NP
Bluewing	0-2	Very Stony Loamy Sand	GW-GM	A-1	5-20	15-20	30-40	25-35	15-25	5-10	---	NP
	2-60	Stratified Extremely Gravelly Sand To Extremely Gravelly Loamy Coarse	GW-GM	A-1	0-5	5-20	30-40	25-35	15-25	5-10	---	NP

1350:

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1350: Stumble	In											
	0-2	Loamy Sand	SM	A-2	0	0-5	85-100	85-100	75-90	15-25	---	NP
	2-24	Loamy Fine Sand Loamy Sand	SM	A-2	0	0-5	85-100	85-100	55-75	15-25	---	NP
	24-60	Gravelly Loamy Fine Sand Gravelly Loamy Sand	SM	A-1 A-2	0	0-10	75-85	50-70	40-60	15-25	---	NP
Ruhe	0-6	Gravelly Loamy Sand	SM	A-1	0	0-10	75-90	50-75	30-50	5-25	---	NP
	6-14	Gravelly Sand Gravelly Loamy Sand Loamy Sand	SW-SM SM SW-SM	A-1	0	0-10	75-90	50-85	30-50	5-25	---	NP
	14-35	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	35-60	Stratified Extremely Cobbly Coarse Sand To Sand	GW SP	A-1	0	5-50	40-65	30-60	10-35	0-5	---	NP
Bluewing	0-9	Very Stony Loamy Sand	GW-GM	A-1	5-20	15-20	30-40	25-35	15-25	5-10	---	NP
	9-54	Stratified Extremely Gravelly Sand To Extremely Gravelly Loamy Coarse	GW-GM	A-1	0-5	5-20	30-40	25-35	15-25	5-10	---	NP
1351: Stumble	0-6	Loamy Sand	SM	A-2	0	0-5	85-100	85-100	75-90	15-25	---	NP
	6-29	Loamy Fine Sand Loamy Sand	SM	A-2	0	0-5	85-100	85-100	55-75	15-25	---	NP
	29-50	Gravelly Loamy Fine Sand Gravelly Loamy Sand	SM	A-1 A-2	0	0-10	75-85	50-70	40-60	15-25	---	NP
1360: Trocken	0-3	Very Stony Sandy Loam	SM	A-2 A-4	5-15	0-10	65-85	60-80	40-60	25-40	20-25	NP-5
	3-60	Stratified Extremely Gravelly Loamy Coarse Sand To Very Cobbly Loam	GC GC-GM GW-GC	A-2	0-10	5-40	20-60	15-40	10-35	5-25	20-30	5-10

Distribution Generation Date:

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1360:												
Bluewing	0-9	Very Stony Loamy Sand	GW-GM	A-1	5-20	15-20	30-40	25-35	15-25	5-10	---	NP
	9-54	Stratified Extremely Gravelly Sand To Extremely Gravelly Loamy Coarse	GW-GM	A-1	0-5	5-20	30-40	25-35	15-25	5-10	---	NP
Stumble	0-2	Loamy Sand	SM	A-2	0	0-5	85-100	85-100	75-90	15-25	---	NP
	2-24	Loamy Sand	SM	A-2	0	0-5	85-100	85-100	55-75	15-25	---	NP
	24-60	Loamy Fine Sand	SM	A-1	0	0-10	75-85	50-70	40-60	15-25	---	NP
		Gravelly Loamy Sand Gravelly Loamy Fine Sand		A-2								
1361:												
Ruhe	0-6	Very Stony Loamy Sand	SM	A-1	5-25	0-5	80-100	70-100	30-60	10-35	---	NP
	6-14	Gravelly Loamy Sand	SM	A-2	0	0-10	75-90	50-85	30-50	5-25	---	NP
		Gravelly Sand	SW-SM	A-1								
	14-35	Loamy Sand										
	35-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
		Stratified Extremely Cobbly Coarse Sand To Sand	GW SP	A-1	0	5-50	40-65	30-60	10-35	0-5	---	NP
Trocken	0-3	Very Stony Sandy Loam	SM	A-2	5-15	0-10	65-85	60-80	40-60	25-40	20-25	NP-5
	3-60	Stratified Extremely Gravelly Loamy Coarse Sand To Very Cobbly Loam	GC GC-GM GW-GC	A-4 A-2	0-10	5-40	20-60	15-40	10-35	5-25	20-30	5-10
Bluewing	0-9	Very Stony Loamy Sand	GW-GM	A-1	5-20	15-20	30-40	25-35	15-25	5-10	---	NP
	9-54	Stratified Extremely Gravelly Sand To Extremely Gravelly Loamy Coarse	GW-GM	A-1	0-5	5-20	30-40	25-35	15-25	5-10	---	NP

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1362: Trocken	0-3	Very Stony Sandy Loam	SM	A-2 A-4	5-15	0-10	65-85	60-80	40-60	25-40	20-25	NP-5
	3-60	Stratified Extremely Gravelly Loamy Coarse Sand To Very Cobbly Loam	GC GC-GM GW-GC	A-2	0-10	5-40	20-60	15-40	10-35	5-25	20-30	5-10
Badland	0-2	Variable	CH CL MH	A-6 A-7	0	0-10	85-100	75-100	60-100	50-100	20-75	10-35
	2-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
1363: Trocken	0-3	Very Stony Sandy Loam	SM	A-2 A-4	5-15	0-10	65-85	60-80	40-60	25-40	20-25	NP-5
	3-60	Stratified Extremely Gravelly Loamy Coarse Sand To Very Cobbly Loam	GC GC-GM GW-GC	A-2	0-10	5-40	20-60	15-40	10-35	5-25	20-30	5-10
1364: Trocken	0-3	Very Stony Sandy Loam	SM	A-2 A-4	5-15	0-10	65-85	60-80	40-60	25-40	20-25	NP-5
	3-60	Stratified Extremely Gravelly Loamy Coarse Sand To Very Cobbly Loam	GC GC-GM GW-GC	A-2	0-10	5-40	20-60	15-40	10-35	5-25	20-30	5-10
Wrango	0-3	Gravelly Loamy Sand	SM	A-1	0	0-5	60-80	55-75	15-40	10-25	---	NP
	3-10	Gravelly Fine Sandy Loam	GM	A-2	0	0-5	60-80	55-75	35-55	25-35	---	NP
	10-60	Extremely Gravelly Loamy Sand Extremely Gravelly Sand Extremely Gravelly Loamy Coarse Sand	SM GP-GM GW GW-GM	A-1	0-5	5-40	25-40	15-30	5-20	0-15	---	NP

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1364:	In											
1370:												
Singatse	0-2	Very Gravelly Sandy Loam	SM	A-1	0	0-10	70-80	45-55	30-40	15-25	15-25	NP-5
	2-6	Very Gravelly Sandy Loam	SM	A-1	0	0-10	60-70	30-50	20-30	10-30	15-25	NP-5
		Very Gravelly Loam		A-2								
	6-12	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	12-16	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Fireball	0-3	Extremely Stony Fine Sandy Loam	SC SC-SM	A-2 A-4	25-40	10-15	80-90	70-80	50-70	30-45	20-25	5-10
	3-24	Very Cobbly Loam	GC	A-2	0-5	25-40	60-70	50-60	40-60	30-50	25-40	10-20
		Very Gravelly Loam		A-6								
		Very Gravelly Clay Loam										
	24-47	Very Cobbly Loam	GC	A-2	0-15	25-60	60-70	40-50	35-50	25-40	20-25	5-10
		Extremely Cobbly Loam	GC-GM	A-4								
		Very Gravelly Silt Loam										
	47-51	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
1370: Rednik	In											
	0-6	Very Stony Sandy Loam	GM	A-1	10-25	10-25	45-65	40-60	30-45	15-30	---	NP
	6-20	Very Gravelly Sandy Clay Loam	GC	A-2	0-10	5-30	35-60	30-50	20-35	15-30	25-35	10-15
	20-45	Extremely Gravelly Loam Very Gravelly Sandy Loam Very Gravelly Sandy Loam Extremely Gravelly Sandy Loam Very Gravelly Fine Sandy Loam	GM	A-1	0-10	5-30	35-60	30-50	15-40	10-25	---	NP
	45-65	Very Gravelly Sand Extremely Gravelly Loamy Sand Extremely Gravelly Loamy Coarse Sand	GM GP-GM GW GW-GM SW-SM	A-1	0-10	5-30	30-60	25-60	15-30	0-15	---	NP
1371: Flex	0-3	Very Gravelly Sandy Loam	GM SM	A-1	0	0-10	40-65	40-50	30-40	15-25	15-25	NP-5
	3-10	Very Gravelly Sandy Clay Loam	GC GC-GM	A-1 A-2	0	0-5	50-60	40-50	30-45	15-25	15-25	5-15
	10-14	Very Gravelly Sandy Loam Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Singatse	0-2	Very Gravelly Sandy Loam	SM	A-1	0	0-10	70-80	45-55	30-40	15-25	15-25	NP-5
	2-6	Very Gravelly Sandy Loam Very Gravelly Loam	SM	A-1 A-2	0	0-10	60-70	30-50	20-30	10-30	15-25	NP-5
	6-12	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	12-16	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1371: Acrelane	In											
	0-6	Very Stony Sandy Loam	SM	A-1	10-20	5-30	90-100	60-75	35-50	15-30	---	NP
	6-10	Very Gravelly Sandy Clay Loam Very Gravelly Coarse Sandy Loam	SC SC-SM	A-2 A-2	0	0-5	80-100	30-50	30-45	15-30	20-30	5-15
	10-14	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
1372: Singatse	0-2	Very Gravelly Sandy Loam	SM	A-1	0	0-10	70-80	45-55	30-40	15-25	15-25	NP-5
	2-6	Very Gravelly Loam Very Gravelly Sandy Loam	SM	A-1 A-2	0	0-10	60-70	30-50	20-30	10-30	15-25	NP-5
	6-12	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	12-16	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Isolde	0-6	Fine Sand	SP SP-SM SW-SM	A-3	0	0	100	100	75-90	0-10	---	NP
	6-60	Sand Fine Sand	SP SP-SM SW-SM	A-3	0	0	100	100	50-80	0-10	---	NP
1373: Singatse	0-2	Very Gravelly Sandy Loam	SM	A-1	0	0-10	70-80	45-55	30-40	15-25	15-25	NP-5
	2-6	Very Gravelly Sandy Loam Very Gravelly Loam	SM	A-1 A-2	0	0-10	60-70	30-50	20-30	10-30	15-25	NP-5
	6-12	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	12-16	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Mizel	0-3	Very Gravelly Coarse Sandy Loam	GM	A-1	0	5-10	40-60	30-40	15-30	10-25	15-25	NP-5
	3-7	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1373: Stingdorn	In											
	0-4	Extremely Stony Loam	GC	A-2	25-40	0-10	35-50	30-40	25-40	20-30	25-35	10-15
	4-9	Very Gravelly Clay Loam	GC	A-2	0-5	0-10	60-80	30-40	30-40	25-35	35-40	15-20
			SC									
	9-12	Very Gravelly Sandy Loam Extremely Gravelly Sandy Loam	GM GP-GM SM SP-SM SW-SM	A-1	0-5	0-10	50-75	25-50	10-40	5-15	---	NP
	12-13 13-17	Indurated Unweathered Bedrock	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	---
1374: Singatse	0-2	Very Gravelly Sandy Loam	SM	A-1	0	0-10	70-80	45-55	30-40	15-25	15-25	NP-5
	2-6	Very Gravelly Sandy Loam Very Gravelly Loam	SM	A-1 A-2	0	0-10	60-70	30-50	20-30	10-30	15-25	NP-5
	6-12	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	12-16	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Fireball	0-3	Extremely Stony Fine Sandy Loam	SC SC-SM	A-2 A-4	25-40	10-15	80-90	70-80	50-70	30-45	20-25	5-10
	3-24	Very Cobbly Loam Very Gravelly Loam Very Gravelly Clay Loam	GC	A-2 A-6	0-5	25-40	60-70	50-60	40-60	30-50	25-40	10-20
	24-47	Very Cobbly Loam Very Gravelly Silt Loam Extremely Cobbly Loam	GC GC-GM	A-2 A-4	0-5	25-60	60-70	40-50	35-50	25-40	20-25	5-10
	47-51	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1374: Osobb	In											
	0-4	Extremely Stony Fine Sandy Loam	GC-GM GM	A-1 A-2	25-45	25-45	35-55	30-50	20-40	5-25	20-30	NP-10
	4-17	Very Cobbly Loam Extremely Cobbly Very Fine Sandy Loam Very Cobbly Fine Sandy Loam	GW-GM GC-GM GM GW-GM	A-1 A-2	5-15	30-50	25-60	20-50	15-35	5-20	20-30	NP-10
	17-18	Indurated	---	---	---	---	---	---	---	---	---	---
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1380: Singatse	0-2	Very Gravelly Sandy Loam	SM	A-1	0	0-10	70-80	45-55	30-40	15-25	15-25	NP-5
	2-6	Very Gravelly Sandy Loam Very Gravelly Loam	SM	A-1 A-2	0	0-10	60-70	30-50	20-30	10-30	15-25	NP-5
	6-12	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	12-16	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Stingdorn	0-4	Extremely Stony Loam	GC	A-2	25-40	0-10	35-50	30-40	25-40	20-30	25-35	10-15
	4-9	Very Gravelly Clay Loam	GC SC	A-2	0-5	0-10	60-80	30-40	30-40	25-35	35-40	15-20
	9-12	Extremely Gravelly Sandy Loam Very Gravelly Sandy Loam	GM GP-GM SM SP-SM SW-SM	A-1	0-5	0-10	50-75	25-50	10-40	5-15	---	NP
	12-13	Indurated	---	---	---	---	---	---	---	---	---	---
	13-17	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
1390:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1390: Osobb	In											
	0-4	Very Stony Very Fine Sandy Loam	GC-GM GM SC-SM SM	A-1 A-2 A-4	5-25	5-45	60-80	50-70	45-65	15-40	20-30	NP-10
	4-17	Very Cobbly Loam Extremely Cobbly Very Fine Sandy Loam Very Cobbly Fine Sandy Loam	GC-GM GM GW-GM	A-1 A-2	5-15	30-50	25-60	20-50	15-35	5-20	20-30	NP-10
	17-18	Indurated	---	---	---	---	---	---	---	---	---	---
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Pirouette	0-3	Very Stony Very Fine Sandy Loam	GC-GM GM SC-SM SM	A-4	5-25	25-30	65-80	65-75	55-70	35-50	20-30	NP-10
	3-10	Very Cobbly Clay Loam	CL GC SC GM	A-6 A-7	0-5	30-40	55-75	50-65	40-60	35-55	35-45	15-20
	10-19	Extremely Cobbly Sandy Loam Very Cobbly Sandy Loam	GM	A-1	0-5	40-50	40-55	35-50	25-40	10-25	---	NP
	19-20	Indurated	---	---	---	---	---	---	---	---	---	---
	20-24	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---

1400:

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1400: Gabica	0-5	Very Cobbly Sandy Loam	GM SM	A-1 A-2	0	30-40	60-70	50-60	35-60	20-35	15-25	NP-5
	5-14	Very Gravelly Loam Very Gravelly Silty Clay Very Gravelly Clay Loam	GC	A-2 A-6	0-5	5-10	45-60	25-50	20-50	20-40	25-35	10-20
	14-19	Very Gravelly Clay Loam Very Gravelly Silty Clay Very Gravelly Loam	GC	A-2 A-6	0	5-10	40-55	25-50	20-50	20-45	25-35	10-20
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Softscrabble	0-9	Very Stony Loam	GC GC-GM	A-2 A-4	10-15	20-35	40-60	35-55	25-50	20-40	20-30	5-10
	9-30	Extremely Cobbly Clay Very Cobbly Clay Loam	CL GC	A-2 A-6	0-5	25-70	50-80	40-70	35-60	30-55	35-40	15-20
	30-78	Loam Clay Loam Gravelly Clay Loam	CL	A-7	0-5	0-10	75-100	60-90	60-80	50-70	40-50	15-25
	78-89	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Burnborough	0-17	Stony Loam	CL CL-ML	A-4 A-6	1-5	5-15	85-95	70-85	60-75	50-60	20-35	5-15
	17-60	Very Gravelly Loam Very Gravelly Clay Loam	GC SC	A-2	0-5	15-25	55-65	35-60	20-35	15-30	25-40	10-20
1401: Softscrabble	0-9	Very Stony Loam	GC GC-GM	A-2 A-4	10-15	20-35	40-60	35-55	25-50	20-40	20-30	5-10
	9-30	Extremely Cobbly Clay Very Cobbly Clay Loam	CL GC	A-2 A-6	0-5	25-70	50-80	40-70	35-60	30-55	35-40	15-20
	30-78	Loam Clay Loam Gravelly Clay Loam	CL	A-7	0-5	0-10	75-100	60-90	60-80	50-70	40-50	15-25
	78-89	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Distribution Generation Date:

Page 114 of 141

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity
			Unified	AASHTO	>10	3-10	4	10	40	200		
					Inches	Inches						
1401:	In										Pct	Index
Gabica	0-5	Very Cobbly Sandy Loam	GM SM	A-1 A-2	0	30-40	60-70	50-60	35-60	20-35	15-25	NP-5
	5-14	Very Gravelly Silty Clay Very Gravelly Clay Loam Very Gravelly Very Gravelly Loam	GC	A-2 A-6	0-5	5-10	45-60	25-50	20-50	20-40	25-35	10-20
	14-19	Very Gravelly Loam Very Gravelly Clay Loam Very Gravelly Silty Clay	GC	A-2 A-6	0	5-10	40-55	25-50	20-50	20-45	25-35	10-20
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
	Sumine	0-6	Very Stony Loam	SC SC-SM	A-4	5-15	5-15	70-85	60-75	50-65	35-50	25-30
	6-28	Very Gravelly Clay Loam Very Cobbly Clay Loam Very Gravelly Loam	GC	A-2 A-6	0	15-40	45-70	35-65	30-50	30-45	30-40	10-20
	28-32	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Blackwell	---				---	---	---	---	---	---	---	---
1402:												
Softscrabble	0-20	Very Stony Loam	GC GC-GM	A-2 A-4	10-15	20-35	40-60	35-55	25-50	20-40	20-30	5-10
	20-32	Very Cobbly Clay Loam Extremely Cobbly Clay	CL GC	A-2 A-6	0-5	25-70	50-80	40-70	35-60	30-55	35-40	15-20
	32-61	Gravelly Clay Loam Loam Clay Loam	CL	A-7	0-5	0-10	75-100	60-90	60-80	50-70	40-50	15-25
	61-65	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
1402: Hutchley	In											
	0-6	Very Cobbly Sandy Loam	SM	A-1	0	30-40	60-70	50-70	35-60	20-35	15-25	NP-5
	6-14	Very Cobbly Clay Loam	GC	A-2	0-5	10-40	45-70	35-55	15-55	10-40	30-40	10-15
		Very Gravelly Clay Loam	SC	A-6								
		Extremely Gravelly Loam										
	14-24	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Burnborough	0-16	Stony Loam	CL	A-4	1-5	5-15	85-95	70-85	60-75	50-60	20-35	5-15
			CL-ML	A-6								
	16-60	Very Gravelly Loam	GC	A-2	0-5	15-25	55-65	35-60	20-35	15-30	25-40	10-20
		Very Gravelly Clay Loam	SC									
1403: Softscrabble	0-20	Very Stony Loam	GC	A-2	10-15	20-35	40-60	35-55	25-50	20-40	20-30	5-10
			GC-GM	A-4								
	20-32	Extremely Cobbly Clay	CL	A-2	0-5	25-70	50-80	40-70	35-60	30-55	35-40	15-20
		Very Cobbly Clay Loam	GC	A-6								
	32-61	Loam	CL	A-7	0-5	0-10	75-100	60-90	60-80	50-70	40-50	15-25
		Gravelly Clay Loam										
		Clay Loam										
	61-65	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Sumine	0-6	Very Stony Loam	SC	A-4	5-15	5-15	70-85	60-75	50-65	35-50	25-30	5-10
			SC-SM									
	6-28	Very Gravelly Clay Loam	GC	A-2	0	15-40	45-70	35-65	30-50	30-45	30-40	10-20
		Very Cobbly Clay Loam		A-6								
		Very Gravelly Loam										
	28-32	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
1403: Hutchley	In											
	0-6	Very Cobbly Sandy Loam	SM	A-1	0	30-40	60-70	50-70	35-60	20-35	15-25	NP-5
	6-14	Extremely Gravelly Loam	GC	A-2	0-5	10-40	45-70	35-55	15-55	10-40	30-40	10-15
		Very Gravelly Clay Loam	SC	A-6								
		Very Cobbly Clay Loam										
	14-24	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1410: Burnborough												
	0-17	Very Gravelly Loam	SC	A-2	0	5-10	65-75	40-55	30-45	25-35	20-35	5-15
			SC-SM									
	17-60	Very Gravelly Clay Loam	GC	A-2	0-5	15-25	55-65	35-60	20-35	15-30	25-40	10-20
		Very Gravelly Loam	SC									
Ticino												
	0-11	Gravelly Fine Sandy Loam	SM	A-4	0	0-15	80-95	60-80	50-70	35-50	15-25	NP-5
	11-22	Gravelly Clay Loam	SC	A-6	0	0-15	80-95	60-80	50-70	35-50	25-40	10-20
		Gravelly Loam										
		Gravelly Sandy Clay Loam										
	22-26	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Gabica												
	0-5	Very Cobbly Sandy Loam	GM	A-1	0	30-40	60-70	50-60	35-60	20-35	15-25	NP-5
			SM	A-2								
	5-14	Very Gravelly Very Gravelly Loam	GC	A-2	0-5	5-10	45-60	25-50	20-50	20-40	25-35	10-20
				A-6								
		Very Gravelly Silty Clay										
		Very Gravelly Clay Loam										
	14-19	Very Gravelly Loam	GC	A-2	0	5-10	40-55	25-50	20-50	20-45	25-35	10-20
		Very Gravelly Clay Loam		A-6								
		Very Gravelly Silty Clay										
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1411:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1411: Burnborough	In											
	0-17	Very Gravelly Loam	SC	A-2	0	5-10	65-75	40-55	30-45	25-35	20-35	5-15
	17-60	Very Gravelly Loam Very Gravelly Clay Loam	SC-SM GC SC	A-2	0-5	15-25	55-65	35-60	20-35	15-30	25-40	10-20
Ticino	0-11	Gravelly Fine Sandy Loam	SM	A-4	0	0-15	80-95	60-80	50-70	35-50	15-25	NP-5
	11-22	Gravelly Sandy Clay Loam Gravelly Loam Gravelly Clay Loam	SC	A-6	0	0-15	80-95	60-80	50-70	35-50	25-40	10-20
	22-26	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Softscrabble	0-9	Very Stony Loam	GC	A-2	10-15	20-35	40-60	35-55	25-50	20-40	20-30	5-10
	9-30	Extremely Cobbly Clay Very Cobbly Clay Loam	GC-GM CL	A-4 A-2	0-5	25-70	50-80	40-70	35-60	30-55	35-40	15-20
	30-78	Clay Loam Gravelly Clay Loam Loam	GC CL	A-6 A-7	0-5	0-10	75-100	60-90	60-80	50-70	40-50	15-25
	78-89	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
1420: Barshaad	0-1	Very Stony Loam	CL	A-4	5-10	10-20	80-90	80-85	60-80	45-65	20-30	5-10
	1-24	Gravelly Clay	CL-ML SC-SM CH	A-7	0-5	0-5	60-80	60-75	55-70	50-65	50-65	25-35
	24-28	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1420: Fugawee	In											
	0-9	Stony Sandy Loam	GM SM	A-2	1-5	5-15	60-80	55-75	50-60	25-35	0-14	NP
	9-17	Gravelly Loam	GM SM	A-2 A-4	0	0-10	60-90	55-80	50-70	30-50	25-40	NP-10
	17-37	Clay Loam Gravelly Clay Loam	GM ML SM	A-6 A-7	0	0-5	60-90	55-80	50-75	35-55	35-45	10-15
	37-41	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Duckhill Variant	0-8	Very Stony Sandy Loam	SC SC-SM	A-2	5-25	5-15	85-95	75-85	45-60	25-35	20-30	5-10
	8-13	Very Cobbly Clay Loam Very Cobbly Loam	GC	A-6	0-5	40-50	55-65	45-55	40-50	35-45	30-40	10-15
	13-17	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1430: Fraval	0-9	Very Stony Loam	CL CL-ML	A-4	5-25	30-40	80-95	80-90	65-85	50-70	20-30	5-10
	9-27	Very Gravelly Clay Loam Very Cobbly Loam Very Gravelly Loam	GC SC	A-6	0-5	20-30	60-90	55-75	45-65	35-50	30-40	10-20
	27-40	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Booford	0-8	Very Stony Loam	CL-ML ML	A-4	5-15	20-25	80-95	75-90	60-75	50-65	20-30	NP-10
	8-25	Clay Silty Clay Gravelly Clay	CH GC	A-7	0-5	0-15	65-100	60-100	50-100	40-95	55-65	30-40
	25-45	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1430: Jumbo	In											
	0-21	Very Stony Loam	CL-ML SC SC-SM	A-4	5-25	0-10	70-90	70-80	60-75	40-60	25-30	5-10
	21-54	Very Cobbly Loam Very Cobbly Clay Loam	CL GC SC	A-6	0-10	40-50	65-85	50-85	40-75	35-60	30-40	10-15
	54-70	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
1431: Fraval												
	0-9	Very Stony Loam	CL CL-ML	A-4	5-25	30-40	80-95	80-90	65-85	50-70	20-30	5-10
	9-27	Very Gravelly Loam Very Gravelly Clay Loam Very Cobbly Loam	GC SC	A-6	0-5	20-30	60-90	55-75	45-65	35-50	30-40	10-20
	27-40	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Duckhill Variant												
	0-8	Very Stony Sandy Loam	SC SC-SM	A-2	5-25	5-15	85-95	75-85	45-60	25-35	20-30	5-10
	8-13	Very Cobbly Clay Loam Very Cobbly Loam	GC	A-6	0-5	40-50	55-65	45-55	40-50	35-45	30-40	10-15
	13-17	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Hirschdale												
	0-6	Very Stony Loam	CL SC	A-6	5-25	10-20	80-90	70-80	45-65	40-55	25-35	10-15
	6-39	Clay Gravelly Clay Loam	CH CL	A-7	0-5	0-10	65-95	60-90	55-85	50-80	40-65	15-40
	39-43	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
1432:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
			In									
1432: Fraval	0-9	Very Stony Loam	CL	A-4	5-25	30-40	80-95	80-90	65-85	50-70	20-30	5-10
	9-27	Very Cobbly Loam Very Gravelly Loam Very Gravelly Clay Loam	CL-ML GC SC	A-6	0-5	20-30	60-90	55-75	45-65	35-50	30-40	10-20
	27-40	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Hirschdale	0-6	Very Stony Loam	CL	A-6	5-25	10-20	80-90	70-80	45-65	40-55	25-35	10-15
	6-39	Gravelly Clay Loam Clay	SC CH CL	A-7	0-5	0-10	65-95	60-90	55-85	50-80	40-65	15-40
	39-43	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Jumbo	0-21	Very Stony Loam	CL-ML SC SC-SM	A-4	5-25	0-10	70-90	70-80	60-75	40-60	25-30	5-10
	21-54	Very Cobbly Loam Very Cobbly Clay Loam	CL GC SC	A-6	0-10	40-50	65-85	50-85	40-75	35-60	30-40	10-15
	54-70	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
1440: Tallac	0-21	Very Bouldery Sandy Loam	GM	A-1	15-40	10-20	55-80	50-75	30-45	15-25	0-14	NP
	21-31	Very Stony Coarse Sandy Loam Very Stony Loam	SM GM SM	A-1	15-50	10-25	50-70	45-65	15-35	10-25	0-14	NP
	31-42	Very Cobbly Coarse Sandy Loam Very Cobbly Loam	GM SM	A-1	0-5	30-55	50-70	45-65	15-35	10-25	0-14	NP
	42-65	Cemented	---	---	---	---	---	---	---	---	---	---
Wet Areas	---				---	---	---	---	---	---	---	---

Distribution Generation Date:

Page 121 of 141

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
			In									
1440:												
1441: Tallac	0-21	Stony Sandy Loam	GM SM	A-1 A-2	10-20	0-15	55-80	50-75	30-45	15-35	---	NP
	21-31	Very Stony Coarse Sandy Loam	GM SM	A-1 A-2	15-30	15-40	50-70	45-65	15-35	10-35	---	NP
	31-42	Very Stony Loam Very Cobbly Coarse Sandy Loam	GM SM	A-1 A-2	0-5	30-55	50-70	45-65	15-35	10-35	---	NP
	42-65	Very Cobbly Loam Cemented	---	---	---	---	---	---	---	---	---	---
1450: Meiss	0-6	Very Cobbly Sandy Loam	SC-SM SM	A-2 A-4	0-5	30-50	75-90	60-75	40-55	30-50	15-25	NP-10
	6-13	Gravelly Loam	GM	A-2	0	5-15	60-85	55-80	40-65	30-50	20-30	NP-5
	13-17	Gravelly Sandy Loam Unweathered Bedrock	SM ---	A-4 ---	---	---	---	---	---	---	---	---
Sibelia	0-6	Very Stony Sandy Loam	SC-SM SM	A-1 A-2	5-15	20-30	75-80	55-60	35-50	15-35	15-25	NP-10
	6-20	Very Gravelly Sandy Loam	GC-GM GM SC-SM SM	A-1 A-2	0-5	10-20	45-65	35-55	25-35	10-30	15-25	NP-10
	20-47	Very Cobbly Sandy Loam Extremely Gravelly Sandy Loam	GC-GM GM	A-1 A-2	0-5	45-50	40-60	30-55	20-35	10-30	15-25	NP-10
	47-51	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
1460:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
1460: Jorge	In											
	0-9	Very Stony Sandy Loam	GM SM	A-1 A-2	5-20	5-25	45-85	40-75	25-55	10-30	0-14	NP
	9-24	Very Gravelly Sandy Loam Very Gravelly Loam Very Cobbly Loam	GM	A-1	0-10	5-15	45-55	40-50	25-35	10-20	0-14	NP
	24-52	Very Gravelly Clay Loam Extremely Gravelly Loam Very Gravelly Loam	GC-GM GM	A-2	0	5-20	30-60	25-50	20-45	10-35	25-45	5-15
	52-84	Very Gravelly Sandy Loam	GM	A-1	0	5-10	30-60	25-50	20-45	10-20	0-14	NP
	84-88	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Boomtown	0-17	Very Stony Sandy Loam	SC SC-SM	A-2 A-4	5-10	5-15	70-90	65-80	40-65	30-50	15-25	5-10
	17-22	Very Gravelly Loam Gravelly Loam	CL-ML GC GC-GM	A-2 A-4	0	0-5	40-80	35-75	30-65	25-55	15-25	5-10
	22-53	Clay Loam Clay Gravelly Clay	CL GC	A-6 A-7	0	0-5	60-100	50-95	45-90	40-80	35-50	15-25
	53-61	Clay Loam	CL	A-6 A-7	0	0-10	75-100	75-100	65-85	50-75	30-45	10-20
Fugawee	0-9	Very Stony Sandy Loam	GM SM	A-2	5-20	5-10	60-80	55-75	50-60	25-35	0-14	NP
	9-17	Gravelly Loam Loam	GM SM	A-2 A-4	0	0-10	60-90	55-80	50-70	30-50	25-40	NP-10
	17-37	Gravelly Clay Loam Clay Loam	GM ML SM	A-6 A-7	0	0-5	60-90	55-80	50-75	35-55	35-45	10-15
	37-41	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
1470:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1470: Carioca	0-7	Stony Sandy Loam	GM SM	A-1	1-5	0-15	55-65	35-45	20-30	10-20	---	NP
	7-30	Very Gravelly Sandy Loam	GM	A-1	0-5	10-20	45-55	30-50	20-30	10-20	---	NP
	30-56	Extremely Gravelly Loam	GC	A-2	5-10	10-30	40-60	30-55	25-45	15-35	25-35	5-15
		Very Gravelly Clay Loam	GC-GM									
		Very Gravelly Loam										
	56-65	Gravelly Loam	GC GC-GM	A-4 A-6	0	0-5	60-70	50-60	45-55	35-45	25-40	5-15
	65-69	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Sibelia Variant	0-21	Stony Loam	GC-GM SC-SM SM	A-4	5-10	0-15	65-75	60-70	55-65	35-50	15-25	NP-10
	21-60	Very Cobbly Loam Very Cobbly Sandy Loam	GC-GM GM	A-4	0-5	30-50	60-70	50-60	45-55	35-45	15-25	NP-10
Fugawee	0-9	Very Stony Sandy Loam	GM SM	A-2	5-20	5-10	60-80	55-75	50-60	25-35	0-14	NP
	9-17	Gravelly Loam	GM	A-2	0	0-10	60-90	55-80	50-70	30-50	25-40	NP-10
	17-37	Loam	SM	A-4								
		Clay Loam	GM	A-6	0	0-5	60-90	55-80	50-75	35-55	35-45	10-15
		Gravelly Clay Loam	ML	A-7								
	37-41	Weathered Bedrock	SM ---	---	---	---	---	---	---	---	---	---
Blackwell	---				---	---	---	---	---	---	---	---

1480:

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
1480: Macareeno	In											
	0-11	Loam	CL CL-ML SC SC-SM	A-4 A-6	0	0-10	85-95	80-90	60-80	45-55	20-35	5-15
	11-41	Gravelly Clay Loam	CL SC	A-6	0-5	0-15	70-90	55-75	50-75	40-60	35-40	15-20
	41-54	Very Cobbly Loam	SC	A-2 A-6	0-5	30-40	75-85	50-70	40-65	30-50	25-35	10-15
Blackwell	0-11	Sandy Loam	ML SM	A-4	0	0	90-100	90-100	55-80	45-60	---	NP
	11-60	Stratified Gravelly Coarse Sand To Clay Loam	CL CL-ML SC SC-SM	A-4 A-6	0	0	80-100	75-100	55-80	45-65	25-35	5-15
Carioca	0-7	Stony Sandy Loam	GM SM	A-1	1-5	0-15	55-65	35-45	20-30	10-20	---	NP
	7-30	Very Gravelly Sandy Loam	GM	A-1	0-5	10-20	45-55	30-50	20-30	10-20	---	NP
	30-56	Very Gravelly Clay Loam Extremely Gravelly Loam Very Gravelly Loam	GC GC-GM	A-2	5-10	10-30	40-60	30-55	25-45	15-35	25-35	5-15
	56-65	Gravelly Loam	GC GC-GM	A-4 A-6	0	0-5	60-70	50-60	45-55	35-45	25-40	5-15
	65-69	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Wet Areas	---				---	---	---	---	---	---	---	---

1490:

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1490: Arzo	In											
	0-2	Very Stony Loam	CL	A-6	10-15	10-15	80-85	60-70	50-70	35-60	30-35	10-15
	2-27	Clay Loam Gravelly Clay Clay	SC CH CL	A-7	0	0-10	90-100	75-100	65-90	50-80	40-55	20-30
	27-35	Gravelly Loam	GC GC-GM SC SC-SM	A-2 A-4 A-6	0	0-10	60-80	55-75	35-60	30-50	25-35	5-15
	35-39	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Barnard	0-15	Stony Sandy Loam	SM	A-2 A-4	10-20	5-10	85-95	80-90	50-80	25-50	15-25	NP-5
	15-26	Clay Silty Clay	CH	A-7	0	0-10	85-100	85-100	70-90	60-85	50-60	30-40
	26-30	Indurated	---	---	---	---	---	---	---	---	---	---
Indiano	0-13	Stony Sandy Loam	GC-GM GM SC-SM SM	A-4	5-15	0-5	60-80	60-75	50-70	35-50	20-30	NP-10
	13-33	Loam Sandy Clay Loam Gravelly Clay Loam	CL GC SC	A-2 A-6 A-7	0	0-15	65-95	60-85	50-85	30-70	30-45	15-25
	33-37	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

1520:

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1520: Duco	In											
	0-5	Very Stony Sandy Loam	GC-GM SC SC-SM GC	A-2	5-25	5-30	55-80	50-75	35-60	15-35	20-30	5-10
	5-19	Very Gravelly Clay Loam Extremely Stony Clay Loam Very Cobbly Clay Loam Very Cobbly Sandy Clay Loam		A-2	5-30	10-55	35-60	30-55	20-35	15-30	35-40	15-20
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Smallcone	0-6	Very Gravelly Coarse Sandy Loam	GM GW-GM SM SW-SM	A-1	0	0-10	40-75	25-50	15-35	5-25	20-30	NP-5
	6-10	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cagle	0-4	Very Stony Clay Loam	CL	A-6 A-7	5-25	5-30	85-95	80-90	75-85	55-65	35-45	15-25
	4-24	Gravelly Silty Clay Gravelly Clay Gravelly Clay Loam	CH CL GC	A-7	0	0-5	60-85	50-75	45-75	40-65	45-55	20-30
	24-28	Very Cobbly Clay Loam Very Gravelly Clay Extremely Gravelly Clay	GC	A-2	5-20	5-30	30-55	20-55	20-50	15-35	45-55	20-30
	28-32	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

1521:

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
1521: Duco	0-5	Very Stony Sandy Loam	GC-GM SC SC-SM GC	A-2	5-25	5-30	55-80	50-75	35-60	15-35	20-30	5-10
	5-19	Very Gravelly Clay Loam Extremely Stony Clay Loam Very Cobbly Sandy Clay Loam Very Cobbly Clay Loam		A-2	5-30	10-55	35-60	30-55	20-35	15-30	35-40	15-20
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Yuko	0-2	Very Stony Loam	CL CL-ML	A-4 A-6	5-10	0-10	80-95	80-90	70-85	55-75	25-40	5-15
	2-8	Silt Loam Clay Loam Silty Clay Loam	CL	A-6 A-7	0-5	0-5	90-100	80-100	75-95	70-85	35-45	15-25
	8-12	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Lemm	0-19	Very Stony Sandy Loam	SM	A-2	5-25	0-10	75-95	50-75	40-60	25-35	---	NP
	19-40	Very Gravelly Coarse Sandy Loam	SC SC-SM	A-1 A-2	0	0-5	70-90	35-50	20-30	15-25	20-35	5-15
	40-60	Very Gravelly Sandy Loam Gravelly Loamy Coarse Very Gravelly Loamy Coarse Sand	SM	A-1	0	0-5	70-90	35-70	25-35	10-25	---	NP
1522:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1522: Duco	In											
	0-5	Very Stony Sandy Loam	GC-GM SC SC-SM GC	A-2	5-25	5-30	55-80	50-75	35-60	15-35	20-30	5-10
	5-19	Very Cobbly Clay Loam Very Cobbly Sandy Clay Loam Extremely Stony Clay Loam Very Gravelly Clay Loam	GC	A-2	5-30	10-55	35-60	30-55	20-35	15-30	35-40	15-20
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Pahrangle	0-11	Very Stony Sandy Loam	SC SC-SM	A-2 A-4	5-25	5-10	75-90	50-80	35-65	15-40	20-25	5-10
	11-26	Gravelly Clay Loam Cobbly Clay Loam	CL SC	A-6	0	10-30	80-90	60-85	50-80	40-65	35-40	15-20
	26-30	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Lemm	0-19	Very Stony Sandy Loam	SM	A-2	5-25	0-10	75-95	50-75	40-60	25-35	---	NP
	19-40	Very Gravelly Coarse Sandy Loam Very Gravelly Sandy Loam	SC SC-SM	A-1 A-2	0	0-5	70-90	35-50	20-30	15-25	20-35	5-15
	40-60	Gravelly Loamy Coarse Very Gravelly Loamy Coarse Sand	SM	A-1	0	0-5	70-90	35-70	25-35	10-25	---	NP
1530: Bombadil	0-2	Very Stony Sandy Loam	SM	A-2	5-15	15-25	70-90	65-85	50-65	25-35	15-25	NP-5
	2-10	Loam Gravelly Loam	CL CL-ML	A-4 A-6	0-5	0-10	75-100	60-90	55-85	50-70	25-35	5-15
	10-20	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1530: Hefed	0-2	Very Stony Sandy Loam	SC SC-SM	A-2	5-20	20-25	80-85	60-70	40-55	20-35	20-30	5-10
	2-13	Very Gravelly Sandy Loam Very Gravelly Loam	GC	A-2	0	5-10	50-65	35-55	25-50	10-35	25-35	10-15
	13-75	Stratified Very Gravelly Loamy Sand To Very Cobbly Sandy Loam	SM	A-1 A-2	0-5	15-40	75-85	50-75	30-60	15-35	---	NP
Rubble Land	0-60	Fragmental Material	GW	A-1	30-65	30-65	0-10	0-5	0-5	0	0-14	NP
1531: Bombadil	0-2	Very Stony Sandy Loam	SM	A-2	5-15	15-25	70-90	65-85	50-65	25-35	15-25	NP-5
	2-10	Loam	CL	A-4	0-5	0-10	75-100	60-90	55-85	50-70	25-35	5-15
	10-20	Gravelly Loam Unweathered Bedrock	CL-ML ---	A-6 ---	---	---	---	---	---	---	---	---
Hefed	0-2	Very Stony Sandy Loam	SC SC-SM	A-2	5-20	20-25	80-85	60-70	40-55	20-35	20-30	5-10
	2-13	Very Gravelly Loam Very Gravelly Sandy Loam	GC	A-2	0	5-10	50-65	35-55	25-50	10-35	25-35	10-15
	13-75	Stratified Very Gravelly Loamy Sand To Very Cobbly Sandy Loam	SM	A-1 A-2	0-5	15-40	75-85	50-75	30-60	15-35	---	NP
Fireball	0-3	Extremely Stony Fine Sandy Loam	SC SC-SM	A-2 A-4	25-40	10-15	80-90	70-80	50-70	30-45	20-25	5-10
	3-24	Very Gravelly Loam Very Gravelly Clay Loam Very Cobbly Loam	GC	A-2 A-6	0-5	25-40	60-70	50-60	40-60	30-50	25-40	10-20
	24-47	Extremely Cobbly Loam Very Cobbly Loam Very Gravelly Silt Loam	GC GC-GM	A-2 A-4	0-15	25-60	60-70	40-50	35-50	25-40	20-25	5-10
	47-51	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Distribution Generation Date:

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1531:	In											
1540:												
Mcquarrie	0-3	Very Stony Sandy Loam	SC-SM SM	A-2	5-25	20-30	80-100	70-95	50-65	30-35	10-20	NP-10
	3-9	Clay Loam Sandy Clay Loam	CL CL-ML SC	A-2 A-4 A-6	0	0-5	85-95	80-90	65-80	30-65	20-35	5-15
	9-13	Cobbly Clay Loam Loam	SC-SM CL CL-ML	A-4 A-6	0	0-20	85-95	80-90	65-80	50-65	20-35	5-15
	13-17	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tristan	0-7	Very Stony Loam	GC GC-GM	A-2 A-4	5-15	25-35	55-70	50-65	35-55	30-50	20-30	5-10
	7-28	Very Cobbly Clay Loam Very Stony Loam Very Gravelly Clay Loam	CL GC SC	A-2 A-6	5-15	25-35	40-80	35-70	30-60	25-55	25-40	10-20
	28-49	Extremely Cobbly Sandy Clay Loam	GC	A-2	0-10	55-65	40-50	35-45	15-40	10-35	25-35	10-15
	49-53	Extremely Cobbly Loam Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Arzo	0-2	Very Stony Loam	CL SC	A-6	10-15	10-15	80-85	60-70	50-70	35-60	30-35	10-15
	2-27	Gravelly Clay Clay Loam Clay	CH CL	A-7	0	0-10	90-100	75-100	65-90	50-80	40-55	20-30
	27-35	Gravelly Loam	GC GC-GM SC SC-SM	A-2 A-4 A-6	0	0-10	60-80	55-75	35-60	30-50	25-35	5-15
	35-39	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
1541: Duco	In											
	0-5	Very Stony Sandy Loam	GC-GM SC SC-SM	A-2	5-25	5-30	55-80	50-75	35-60	15-35	20-30	5-10
	5-19	Very Gravelly Clay Loam Extremely Stony Clay Loam Very Cobbly Sandy Clay Loam Very Cobbly Clay Loam	GC	A-2	5-30	10-55	35-60	30-55	20-35	15-30	35-40	15-20
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Mcquarrie	0-3	Very Stony Sandy Loam	SC-SM SM	A-2	5-25	20-30	80-100	70-95	50-65	30-35	10-20	NP-10
	3-9	Sandy Clay Loam Clay Loam	CL CL-ML SC SC-SM	A-2 A-4 A-6	0	0-5	85-95	80-90	65-80	30-65	20-35	5-15
	9-13	Loam Cobbly Clay Loam	CL CL-ML	A-4 A-6	0	0-20	85-95	80-90	65-80	50-65	20-35	5-15
	13-17	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tristan	0-7	Very Stony Loam	GC GC-GM	A-2 A-4	5-15	25-35	55-70	50-65	35-55	30-50	20-30	5-10
	7-28	Very Cobbly Clay Loam Very Gravelly Clay Loam Very Stony Loam	CL GC SC	A-2 A-6	5-15	25-35	40-80	35-70	30-60	25-55	25-40	10-20
	28-49	Extremely Cobbly Sandy Clay Loam	GC	A-2	0-10	55-65	40-50	35-45	15-40	10-35	25-35	10-15
	49-53	Extremely Cobbly Loam Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
1550:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1550: Skedaddle	In											
	0-5	Very Stony Loam	GC SC	A-2 A-6	5-25	5-45	60-80	50-70	40-60	30-45	25-35	10-15
	5-9	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Pahrang	0-11	Very Stony Sandy Loam	SC SC-SM	A-2 A-4	5-25	5-10	75-90	50-80	35-65	15-40	20-25	5-10
	11-26	Gravelly Clay Loam	CL	A-6	0	10-30	80-90	60-85	50-80	40-65	35-40	15-20
		Cobbly Clay Loam	SC									
	26-30	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Lemm	0-19	Very Stony Sandy Loam	SM	A-2	5-25	0-10	75-95	50-75	40-60	25-35	---	NP
	19-40	Very Gravelly Coarse Sandy Loam	SC SC-SM	A-1 A-2	0	0-5	70-90	35-50	20-30	15-25	20-35	5-15
		Very Gravelly Sandy Loam										
	40-60	Gravelly Loamy Coarse Very Gravelly Loamy Coarse Sand	SM	A-1	0	0-5	70-90	35-70	25-35	10-25	---	NP
1560: Roloc	0-9	Gravelly Sandy Loam	SM	A-1	0	0-5	80-90	55-80	30-40	10-20	---	NP
	9-18	Very Gravelly Coarse Sandy Loam	SC SC-SM	A-2	0	0-5	70-80	35-50	20-35	15-30	20-30	5-10
	18-22	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Graufels	0-11	Gravelly Loamy Coarse	SM	A-1 A-2	0	0	85-95	60-75	30-55	10-20	---	NP
	11-25	Gravelly Loamy Coarse Sand	SM	A-1 A-2	0	0	85-90	60-80	30-55	10-20	---	NP
		Gravelly Loamy Sand										
	25-40	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1560: Glenbrook	In											
	0-9	Gravelly Loamy Coarse	SM	A-1	0	0-10	80-95	60-75	40-50	5-20	---	NP
	9-15	Gravelly Loamy Coarse	SW-SM	A-1	0	0-10	80-95	60-80	40-50	5-20	---	NP
		Gravelly Sand	SM									
		Coarse Sand	SW-SM									
	15-19	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
1570: Bluewing	0-7	Very Stony Loamy Sand	GW-GM	A-1	5-20	15-20	30-40	25-35	15-25	5-10	---	NP
	7-60	Stratified Extremely Gravelly	GW-GM	A-1	0-5	5-20	30-40	25-35	15-25	5-10	---	NP
		Sand To Extremely Gravelly Loamy Coarse										
Biddleman	0-3	Gravelly Sandy Loam	SM	A-1	0	5-10	70-80	60-70	40-55	20-35	20-25	NP-5
			A-2									
	3-8	Gravelly Clay Loam	GC	A-2	0	0-5	60-75	55-65	40-55	30-45	30-35	10-15
		Gravelly Loam	SC	A-6								
	8-60	Gravelly Sandy Clay Loam										
		Stratified Coarse Sand To	GP-GM	A-1	0	5-15	10-30	10-20	5-10	0-10	---	NP
		Extremely Gravelly Loamy	GW									
		Fine Sand	GW-GM									
Bundorf	0-2	Very Stony Loam	GC	A-2	10-15	10-15	50-60	40-55	30-40	25-35	20-35	5-15
			GC-GM									
	2-10	Clay	CH	A-7	0	0	90-100	90-100	85-95	65-85	45-60	20-35
		Clay Loam	CL									
	10-19	Very Gravelly Clay	GC	A-2	0-5	10-30	50-60	35-45	30-40	25-35	45-60	20-35
		Very Gravelly Clay Loam										
	19-27	Indurated	---	---	---	---	---	---	---	---	---	---
1580:												

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1580: Frodo	In											
	0-6	Very Stony Loam	CL	A-4	5-20	25-40	85-90	70-85	60-80	50-60	25-35	5-15
	6-18	Gravelly Clay Loam	CL-ML	A-6								
		Clay Loam	CH	A-7	0	0-5	80-95	65-90	60-90	50-80	40-65	20-35
Xman	18-23	Cemented	---	---	---	---	---	---	---	---	---	---
	23-30	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
	0-2	Very Stony Loam	SM	A-2	5-25	15-25	70-85	65-75	45-60	25-50	---	NP
	2-14	Clay	CH	A-4								
Oppio		Gravelly Clay		A-7	0	0-10	80-100	70-100	70-95	70-85	50-60	30-40
	14-29	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1590: Ruhe	0-3	Cobbly Sandy Loam	SC-SM	A-1	0	20-30	70-75	60-70	40-50	20-30	15-25	NP-10
	3-21	Sandy Clay	SM	A-2								
		Gravelly Clay	CH	A-7	0	0-10	55-95	50-90	45-85	35-80	50-60	30-40
		Clay	GC									
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
	0-6	Stony Loamy Sand	SM	A-1	1-5	5-10	75-90	50-75	30-50	5-25	---	NP
	6-14	Loamy Sand	SW-SM									
		Gravelly Loamy Sand	SM	A-1	0	0-10	75-90	50-85	30-50	5-25	---	NP
		Gravelly Sand	SW-SM									
	14-35	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	35-60	Stratified Extremely Cobbly	GW	A-1	0	5-50	40-65	30-60	10-35	0-5	---	NP
		Coarse Sand To Sand	SP									

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1590: Playas	---				---	---	---	---	---	---	---	---
1600: Wrango	0-3	Gravelly Loamy Sand	SM	A-1	0	0-5	60-80	55-75	15-40	10-25	---	NP
	3-10	Gravelly Fine Sandy Loam	GM	A-2	0	0-5	60-80	55-75	35-55	25-35	---	NP
	10-60	Extremely Gravelly Loamy Coarse Sand	SM									
		Extremely Gravelly Loamy Coarse Sand	GM	A-1	0-5	5-40	25-40	15-30	5-20	0-15	---	NP
Ruhe		Extremely Gravelly Sand	GP-GM									
		Extremely Gravelly Loamy Sand	GW									
		Extremely Gravelly Loamy Sand	GW-GM									
	0-6	Stony Loamy Sand	SM	A-1	1-5	5-10	75-90	50-75	30-50	5-25	---	NP
	6-14	Gravelly Loamy Sand	SW-SM									
		Gravelly Sand	SM	A-1	0	0-10	75-90	50-85	30-50	5-25	---	NP
		Loamy Sand	SW-SM									
	14-35	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	35-60	Stratified Extremely Cobbly Coarse Sand To Sand	GW	A-1	0	5-50	40-65	30-60	10-35	0-5	---	NP
			SP									
1601: Olac	0-3	Extremely Stony Loam	GC	A-2	25-40	15-25	40-60	35-55	25-40	20-30	25-30	10-15
	3-13	Extremely Gravelly Loam	GC	A-2	5-10	10-20	30-45	20-35	15-30	10-25	30-40	15-20
		Extremely Gravelly Clay Loam										
	13-17	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1601: Old Camp	In											
	0-3	Very Stony Sandy Loam	SM	A-1	5-15	15-40	60-70	55-65	35-45	15-25	15-25	NP-5
	3-13	Very Stony Clay Loam Very Cobbly Clay Loam Extremely Stony Sandy Clay Loam	GC	A-2 A-6	10-35	10-30	40-55	35-50	30-45	25-40	30-40	15-25
	13-17	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Ceejay	0-4	Very Stony Loam	GC-GM GM SC SC-SM SM	A-2 A-4	5-25	10-20	60-85	50-80	40-60	30-50	25-35	5-10
	4-16	Gravelly Clay Loam Gravelly Clay Cobbly Clay Loam	GC SC	A-7	0-5	10-25	65-90	60-85	50-70	35-50	40-50	15-25
	16-20	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1602: Ceejay	0-4	Very Stony Loam	GC-GM GM SC SC-SM SM	A-2 A-4	5-25	10-20	60-85	50-80	40-60	30-50	25-35	5-10
	4-16	Gravelly Clay Loam Gravelly Clay Cobbly Clay Loam	GC SC	A-7	0-5	10-25	65-90	60-85	50-70	35-50	40-50	15-25
	16-20	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
1602: Olac	In											
	0-3	Very Stony Sandy Loam	GC-GM GM SC-SM SM GC	A-1 A-2	5-25	20-25	55-75	50-70	35-55	15-35	20-30	NP-10
	3-13	Extremely Gravelly Clay Loam		A-2	5-10	10-20	30-45	20-35	15-30	10-25	30-40	15-20
	13-17	Extremely Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
1603: Arzo	0-6	Very Stony Loam	CL SC	A-6	10-15	10-15	80-85	60-70	50-70	35-60	30-35	10-15
	6-25	Clay Clay Loam Gravelly Clay	CH CL	A-7	0	0-10	90-100	75-100	65-90	50-80	40-55	20-30
	25-29	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Indiano	0-8	Stony Fine Sandy Loam	CL-ML GC-GM GM ML	A-4	5-15	0-15	65-80	60-75	50-70	35-55	20-30	NP-10
	8-21	Gravelly Clay Loam Sandy Clay Loam Loam	CL GC SC	A-2 A-6 A-7	0	0-15	65-95	60-85	50-85	30-70	30-45	15-25
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1603: Barnard	0-9	Stony Sandy Loam	SM	A-2	10-20	5-10	85-95	80-90	50-80	25-50	15-25	NP-5
	9-20	Sandy Loam	SM	A-2	0	0	90-100	80-95	50-65	25-35	15-20	NP-5
	20-27	Silty Clay Clay	CH	A-7	0	0-10	85-100	85-100	70-90	60-85	50-60	30-40
	27-36	Indurated	---	---	---	---	---	---	---	---	---	---
	36-60	Very Gravelly Loamy Coarse Sand Very Gravelly Loamy Sand	SM SP-SM	A-1	0	0	80-90	25-50	15-40	5-20	---	NP
Wet Areas	---				---	---	---	---	---	---	---	---
1604: Arclay	0-4	Very Gravelly Coarse Sandy Loam	GM SM	A-1	0	0-10	50-65	35-50	15-30	10-20	---	NP
	4-16	Gravelly Clay Loam Gravelly Sandy Clay Loam Gravelly Loam	SC SM	A-2 A-6	0	0-5	70-90	55-75	35-55	20-40	35-40	10-15
	16-40	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	40-44	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1605: Grumblen	0-4	Very Gravelly Loam	GC GC-GM	A-2	0	0-15	40-55	35-50	30-45	20-35	25-30	5-10
	4-8	Very Gravelly Clay Very Gravelly Clay Loam	GC GM	A-2 A-7	0	0-10	35-55	30-50	25-45	15-40	40-55	15-25
	8-18	Very Gravelly Clay Very Gravelly Clay Loam	GC GM	A-2 A-7	0	0-15	35-55	30-50	25-45	15-40	40-55	15-25
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1605: Pickup	In											
	0-5	Very Gravelly Loam	GC	A-2	0	5-25	45-65	35-55	25-45	15-35	25-30	5-10
	5-22	Very Gravelly Clay	GC-GM GC	A-2 A-7	0	10-25	50-65	35-50	30-50	25-45	45-60	20-30
	22-32	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1606: Theon	0-3	Very Gravelly Loam	GC-GM	A-1	0-1	5-10	40-60	30-50	20-45	15-35	20-30	NP-10
	3-9	Very Gravelly Clay Loam	GM	A-2	0-2	5-15	40-60	30-50	25-40	15-30	30-40	10-20
		Very Gravelly Sandy Clay Loam	GC	A-2								
	9-12	Very Gravelly Loam										
	12-16	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Singatse		Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
	0-4	Very Gravelly Loam	SM	A-2	0	0-10	70-80	45-55	35-45	25-35	15-25	NP-5
	4-8	Very Gravelly Sandy Loam	SM	A-1	0	0-10	60-70	30-50	20-30	10-30	15-25	NP-5
		Very Gravelly Loam		A-2								
	8-10	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
1607: Cleaver	10-14	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
	0-4	Gravelly Sandy Loam	SM	A-1 A-2	0	0-5	70-85	60-75	35-50	20-35	---	NP
	4-12	Gravelly Clay Loam	CL	A-6	0	0-5	75-85	50-75	45-70	40-60	35-50	15-25
		Gravelly Loam	SC	A-7								
	12-60	Indurated	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Washoe County, Nevada, South Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
1607: Bundorf	In											
	0-2	Very Stony Loam	GC	A-2	10-15	10-15	50-60	40-55	30-40	25-35	20-35	5-15
	2-11	Clay Loam	GC-GM									
		Clay	CH	A-7	0	0	90-100	90-100	85-95	65-85	45-60	20-35
	11-14	Very Gravelly Clay Loam	CL									
		Very Gravelly Clay	GC	A-2	0-5	10-30	50-60	35-45	30-40	25-35	45-60	20-35
	14-45	Indurated	---	---	---	---	---	---	---	---	---	---
1610: Water	---				---	---	---	---	---	---	---	---